AGENDA
HANOVER CITY COUNCIL
JANURARY 7, 2020

MAYOR
CHRIS KAUFFMAN

COUNCIL
DOUG HAMMERSENG
KEN WARPULA
JIM ZAJICEK
MARYANN HALLSTEIN

1. **Call to Order/Pledge of Allegiance: 7:00 p.m.**

2. **Approval of Agenda**

3. **Consent Agenda Items:**
   a. **Approve Minutes of December 17, 2019 City Council Work Session Meeting** *(4)*
   b. **Approve Claims as Presented:** *(7)*
      - **Claims** **$ 192,299.36**
      - **Payroll** **$ 14,738.38**
      - **P/R taxes & Exp** **$ 4,345.01**
      - **Other Claims** **$ 2,602.32**
      - **Total Claims** **$ 213,985.07**
   c. **Res No 01-07-20-01 – Designating 2020 Elections Absentee Ballot Board** *(54)*
   d. **Res No 01-07-20-02 – Approving 2020 Solid Waste Hauler Licenses** *(55)*

4. **Citizen's Forum**

5. **Public Hearings**

6. **Unfinished Business**
   a. **Mahler Mine IUP Application – 15th St. NE Improvements** *(56)*
   b. **Mahler Mine IUP Application – Review of Planning Commission Recommendation** *(79)*
   c. **Res No 01-07-20-03 – Approving 2020 Appointments** *(150)*

7. **New Business**
   a. **Res No 01-07-20-04 – Approving Fire Department Wage Adjustments** *(153)*
   b. **Res No 01-07-20-05 – Approving EDA Matching Grant Request** *(154)*
   c. **Res No 01-07-20-06 – Approving Purchase of Bobcat Toolcat** *(155)*
   d. **Coffee with Council Events**

8. **Reports**

9. **Adjournment**

To: **Mayor Kauffman & Members of the Hanover City Council**

From: **Brian Hagen, City Administrator**

Date: **January 3, 2020**

Re: **Review of January 7, 2020 City Council Agenda**

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1. **Call to Order/Pledge of Allegiance: 7:00 p.m.**

2. **Approval of Agenda**

3. **Consent Agenda Items:** *See enclosed consent agenda.*
   a. **Approve Minutes of December 17, 2019 City Council Work Session Meeting** *(4)*
   b. **Approve Claims as Presented:** *(7)*
      - **Claims** **$ 192,299.36**
      - **Payroll** **$ 14,738.38**
      - **P/R taxes & Exp** **$ 4,345.01**
      - **Other Claims** **$ 2,602.32**
      - **Total Claims** **$ 213,985.07**
   c. **Res No 01-07-20-01 – Designating 2020 Elections Absentee Ballot Board** *(54)*
   d. **Res No 01-07-20-02 – Approving 2020 Solid Waste Hauler Licenses** *(55)*

4. **Citizen's Forum**

5. **Public Hearings**

6. **Unfinished Business**
   a. **Mahler Mine IUP Application – 15th St. NE Improvements** *(56)*
      Discussion will continue from the November Work Session Meeting. Council will review findings from WSB on the costs of a trail and turn lane additions, updated construction cost as provided by Fehn and discuss funding obligations. Results of this discussion would then be utilized for direction on the overall review of the IUP application.
   b. **Mahler Mine IUP Application – Review of Planning Commission Recommendation** *(79)*
      Enclosed is information related to the application for an IUP to expand the current mining operations commonly known as the Mahler Mine. City Planner Nash will be present to guide discussion. Staff will be seeking direction from Council as it relates for final consideration of the IUP application at a future date.

c. **Res No 01-07-20-03 – Approving 2020 Appointments** *(150)*
Enclosed is a resolution designating 2020 appointments. Based on direction from the previous meeting, one Planning Commission position is left vacant for further review of additional applications received for the position. Chief Malewicki will be present to discuss the Fire Department Officer appointments.

7. **New Business**
   a. **Res No 01-07-20-04 – Approving Fire Department Wage Adjustments** *(153)*
   As part of the 2019 Budget preparation, Chief Malewicki incorporated increased wages budget as part of a desire to increase department officer's compensation. A formal resolution was not adopted by the City Council increasing these wages. Enclosed is a resolution identifying an increase to department officer's stipend pay. Chief Malewicki will be present to discuss further.
   b. **Res No 01-07-20-05 – Approving EDA Matching Grant Request** *(154)*
   Enclosed is a resolution approving a matching grant request from the River Inn. The project meets program guidelines and is supported by the EDA. The City has incurred extra costs related to cleaning of our sewer service lines. The River Inn, by installing a grease trap will assist in reducing excess grease buildup in our sewer lines.
   c. **Res No 01-07-20-06 – Approving Purchase of Bobcat Toolcat** *(155)*
   Enclosed is a resolution approving the purchase of a Bobcat Toolcat as identified in the Capital Improvement Program. This equipment would be utilized for a number of projects including ice rink maintenance, winter trail maintenance, etc. This is identified as a cash purchase and our Equipment Capital Fund has sufficient funds available for the purchase.
   d. **Coffee with Council Events**
   Councilor Hallstein is suggesting Council host regular events where the public has an opportunity to meet with councilors and ask questions.

8. **Reports**

9. **Adjournment**

CITY OF HANOVER
CITY COUNCIL MEETING
DECEMBER 17, 2019 – DRAFT MINUTES

Call to Order:
Mayor Chris Kauffman called the regular meeting of Tuesday, December 17, 2019 to order at 7:00 p.m. Present were Mayor Chris Kauffman, Councilors Doug Hammerseng, Ken Warpula, Jim Zajicek and MaryAnn Hallstein. Also present were City Administrator Brian Hagen, Public Works Supervisor Jason Doboszenski and City Planner Cindy Nash. Guests included Doug Voerding of the Wright County Journal Press.

Approval of Agenda:
MOTION by Warpula to approve the agenda, seconded by Hammerseng. **Motion carried unanimously.**

Consent Agenda:
MOTION by Hammerseng to approve the consent agenda, seconded by Warpula.

a. **Approve Minutes of December 3, 2019 City Council Meeting**
b. **Approve Claims as Presented:**
   - **Claims $ 113,745.18**
   - **Payroll $ 9,793.00**
   - **P/R taxes & Exp. $ 3,535.05**
   - **Other Claims $ 2,625.21**
   - **Total Claims $ 129,698.44**
c. **Res No 12-17-19-107 – Accepting Donation from Hanover Athletic Association**

Motion carried unanimously.

Ordinance 2019-05
Nash noted that majority of the changes were to incorporate changes to the Comprehensive Plan into the Zoning Ordinance. Other changes were general in nature and recommended by staff. The Planning Commission reviewed and recommends approval.
MOTION by Hammerseng to approve Ordinance 2019-05, seconded by Hallstein. **Motion carried unanimously.**

Res No 12-17-19-108 – Adopting Hanover City Policy Chapter 2300
Hagen noted two changes made from the direction provided by Council at the previous meeting.
MOTION by Hallstein to approve Res No 12-17-19-108, seconded by Warpula. **Motion carried unanimously.**

Ordinance 2019-04 – Adopting 2020 Fee Schedule
Hagen reviewed changes made from the direction provided at the last meeting. Council further discussed fees including the Hall Rental fees. Council supported increasing the rental fee to $300 for non-alocohol and $425 for alcohol rentals.
MOTION by Hammerseng to approve Ordinance 2019-04 with the Hall Rental Fee adjustment, seconded by Hallstein. **Motion carried unanimously.**

Discussion – 2020 Appointments
Council reviewed the vacant positions for the 2020 appointments. Council gave direction to Hagen for preparing a resolution approving official appointments at the January 7, 2020 meeting.

Review of Business Hours
Hagen stated that the level of service continues to meet the needs of the public. He further stated that they provide assistance to customers between 7:30 and 8:00 am for items like building permits. Hagen was unaware of any complaints from the public, but further reiterated that there are opportunities to easily provide assistance to the public during off hours due to evening meetings that are regularly scheduled. Public Works Supervisor Doboszenski concurred that the adjusted hours work well for their needs.

Council directed no change to the normal working hours.

Discussion – Winter Trail Maintenance
Zajicek requested this discussion item be brought back to Council as he felt the last meeting was unproductive on the topic. He expressed concern for how the message was sent to a resident about our winter trail maintenance practices. Zajicek further suggested revisiting the topic in greater detail in the summer to consider installing a hand rail at the historic bridge. Council agreed to the request.

Review 2019 Compensation Study
Hagen provided the compensation study completed for 2019. Hagen noted that with changes over the previous two years, Hanover compensation program has become considerably more competitive. There was some concern of where some positions fell for their range. Hagen provided a brief overview of Hanover's positions as they related to pay equity reporting and what that means from a salary range comparison within Hanover's positions.

Council directed Hagen to bring the compensation study back in summer of 2020 for further review.

Reports
Hallstein – requested a review of our garbage hauler licenses and the number Hanover allows. Council requested information related to how many residents each provider services and for research on the impacts to roads from garbage haulers.

Hagen – updated council on the recent sale of the Hilltop Bar. No formal plan has been shared with staff, as the current owners will begin by cleaning the building and property up first.

Nash - provided an update of the Mahler Pit IUP Application. Council will provide their first review of the application at the January 7, 2020 meeting.

Closed Session – City Administrator Annual Review
Kauffman stated that the City Council would be entering into a closed session for the purpose of conducting the annual performance review of the City Administrator. Kauffman closed the meeting at 8:43 p.m.

Present during the closed session were Mayor Kauffman, Councilors Hammerseng, Warpula, Zajicek, Hallstein and City Administrator Hagen. Council conducted the annual performance review.

Mayor Kauffman reopened the Public Meeting at 10:26 p.m.

Adjournment
MOTION by Hammerseng to adjourn at 10:26 p.m., seconded by Hallstein. **Motion carried unanimously.**

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

CITY OF HANOVER

Payments

Current Period: December 2019

Payments Batch 12-16-19 PAY $40.19

Refer	2850 *MN DEPT OF REVENUE*		Ck# 002832E 12/16/2019			
Cash Payment	E 100-43000-212 Motor Fuels		Petroleum Tax - November 2019			$40.19
Invoice						
Transaction Date	12/16/2019	Due 12/16/2019	Cash	10100	**Total**	$40.19

Fund Summary

	10100 Cash
100 GENERAL FUND	$40.19
	$40.19

Pre-Written Check	$40.19
Checks to be Generated by the Computer	$0.00
Total	$40.19

CITY OF HANOVER

*Check Summary Register©

December 2019

Name	Check Date	Check Amt	
10100 Cash			
Paid Chk# 002832E MN DEPT OF REVENUE	12/16/2019	$40.19	Petroleum Tax - November 2019
	Total Checks	$40.19	

FILTER: None

CITY OF HANOVER

Payments

Current Period: December 2019

Payments Batch 12-31-19 PAY $58,523.03

Refer	2865 *ALLINA HEALTH SYSTEM*		Ck# 002846E 1/7/2020			
Cash Payment	E 100-42240-310 Other Professional Servi		Education Billing - 4th Quarter 2019			$804.28
Invoice II10026175	11/30/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$804.28
Refer	2868 *ANDERSON, MARJORIE*		-			
Cash Payment	E 100-48205-810 Refunds & Reimburseme		Hall Damage Deposit Release - 12/15/19 Event			$200.00
Invoice	12/16/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$200.00
Refer	2851 *ARMSTRONG, MICHELLE*		-			
Cash Payment	E 100-41330-111 Committee Wages/Meeti		Planning Commission Meetings - 2019			$540.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$540.00
Refer	2846 *AT&T MOBILITY*		-			
Cash Payment	E 100-43000-321 Telephone		PW Cell Phones - 11/18/19 - 12/17/19			$222.45
Invoice X12252019	12/17/2019					
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$222.45
Refer	2854 *BARTELS, TODD*		Ck# 002844E 1/7/2020			
Cash Payment	E 201-41330-111 Committee Wages/Meeti		EDA Meetings - 2019			$390.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$390.00
Refer	2872 *BURSCHVILLE CONSTRUCTION*		-			
Cash Payment	E 100-43122-224 Street Maint Materials		Grading of Gravel Roads on 10/29/19			$650.00
Invoice 4590	12/20/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$650.00
Refer	2881 *CARDMEMBER SRVC (CENTRAL B*		-			
Cash Payment	E 100-42260-220 Repair/Maint Supply (GE		Kochek Storz to NH Swivel Rocker Lug Female Thread			$140.99
Invoice E1917222	12/17/2019					
Cash Payment	E 100-42280-215 Shop Supplies		Par Tags			$55.00
Invoice 9614	12/17/2019					
Cash Payment	E 100-42210-200 Office Supplies (GENER		Fire Incident Reports - Qty 500, Medical & Rescue Incident Reports - Qty 500			$249.11
Invoice 2370-19	12/11/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$445.10
Refer	2878 *CARSON, CLELLAND & SCHREDE*		-			
Cash Payment	E 100-41610-304 Legal Fees		Legal Support / Work - December 2019			$134.29
Invoice	12/27/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$134.29
Refer	2852 *CHRISTENSON, MIKE*		Ck# 002843E 1/7/2020			
Cash Payment	E 100-41330-111 Committee Wages/Meeti		Planning Commission Meetings - 2019			$450.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$450.00
Refer	2885 *CLASSIC CLEANING COMPANY, LL*		-			

CITY OF HANOVER

Payments

Current Period: December 2019

Cash Payment	E 100-41940-310 Other Professional Servi		City Hall Monthly Cleaning - December 2019			$275.00
Invoice 29108	12/28/2019					
Cash Payment	E 100-41940-310 Other Professional Servi		Hall Special Cleaning: 12/7, 12/8, 12/14, 12/15			$260.00
Invoice 29108	12/28/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$535.00
Refer	2874 *CROW RIVER FARM EQUIPMENT*					
Cash Payment	E 100-43000-215 Shop Supplies		48' of 2x2x1/8 Tube, 15' of 3/8x2 HR			$151.32
Invoice 195510	11/26/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$151.32
Refer	2867 *CUKA, STEPHANIE*					
Cash Payment	E 100-48205-810 Refunds & Reimburseme		Hall Damage Deposit Release - 12/14/19 Event			$200.00
Invoice	12/16/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$200.00
Refer	2855 *DISMANG, BRIAN*					
Cash Payment	E 201-41330-111 Committee Wages/Meeti		EDA Meetings - 2019			$390.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$390.00
Refer	2884 *DYNA SYSTEMS*		Ck# 002847E 1/7/2020			
Cash Payment	E 100-43000-215 Shop Supplies		Cap Screw Six Shooters, Split Lock Washers, Nut Gr8 Hex, Black Cable Ties, Crimp & Shrink Butt Connectors, Drywall Screws,			$584.63
Invoice 23496726	12/19/2019					
Cash Payment	E 100-43000-240 Small Tools and Minor E		Universal Stwobble Adapter Set			$47.62
Invoice 23496726	12/19/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$632.25
Refer	2883 *GRANITE ELECTRONICS*					
Cash Payment	E 100-42260-323 Radio Units		Desktop Chargers - Qty 2, Impres Remote Speaker Mic - Qty 2			$280.92
Invoice 150006398-1	12/19/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$280.92
Refer	2870 *GUIDANCE POINT TECHNOLOGIE*					
Cash Payment	E 100-41600-310 Other Professional Servi		10/14/19 Remote Service: Scanning Computer Issues			$225.00
Invoice 13458	10/19/2019					
Cash Payment	E 100-41600-310 Other Professional Servi		12/21/19 On-Site Service: UPS for Fiber Switch at Fire Station			$164.99
Invoice 13629	12/28/2019					
Cash Payment	E 100-41600-310 Other Professional Servi		12/10/19 On-Site Service: Internet Down at Fire Station			$534.99
Invoice 13643	12/28/2019					
Cash Payment	E 100-41600-310 Other Professional Servi		12/11/19 Remote Service: Power Outage and Server Start Up			$600.00
Invoice 13648	12/28/2019					
Cash Payment	E 100-41600-310 Other Professional Servi		Trend Micro Anti-Virus 1 Yr Renewal 9/27/19 - 12/31/19			$105.00
Invoice 13663	12/29/2019					
Cash Payment	G 100-15500 Prepaid Items		Trend Mirco Anti-Virus 1 Yr Renewal 1/1/20 - 9/26/20			$315.00
Invoice 13663	12/29/2019					

CITY OF HANOVER

Payments

Current Period: December 2019

Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$1,944.98
Refer	2871 *HACKENMUELLER, FRANCIS OR J*		-			
Cash Payment	E 100-48205-810 Refunds & Reimburseme		Hall Damage Deposit Release - 12/21/19 Event (Remaining $50.00 to Deposit for 12/19/20 Event)			$150.00
Invoice						
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$150.00
Refer	2876 *HENNEPIN COUNTY SHERIFF SER*		-			
Cash Payment	E 100-42101-310 Other Professional Servi		HC Sheriff Patrol Services - 4th Quarter 2019			$20,679.00
Invoice 1000140924	12/26/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$20,679.00
Refer	2856 *JOHNSON, JESSICA*		-			
Cash Payment	E 201-41330-111 Committee Wages/Meeti		EDA Meetings - 2019			$450.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$450.00
Refer	2850 *KOLASA, STAN*		-			
Cash Payment	E 100-41330-111 Committee Wages/Meeti		Planning Commission Meetings - 2019			$450.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$450.00
Refer	2849 *KUITUNEN, DEAN*		Ck# 002842E 1/7/2020			
Cash Payment	E 100-41330-111 Committee Wages/Meeti		Planning Commission Meetings - 2019			$510.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$510.00
Refer	2869 *McDonald Hopkins LLC*		-			
Cash Payment	E 100-41610-304 Legal Fees		B. Hagen: E-Mail Compromise Incident			$2,656.80
Invoice 1371944	12/14/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$2,656.80
Refer	2875 *MENARDS - BUFFALO*		-			
Cash Payment	E 100-43000-220 Repair/Maint Supply (GE		Fuel Barrel Roof: Joist Hangers, Nails, 2x10-14', 2x10-12', 2x10-10', 4x6-10', 4x6-14'			$627.87
Invoice 13322	12/26/2019					
Cash Payment	E 100-43000-220 Repair/Maint Supply (GE		Fuel Barrel Roof: 2x10-10', 2x10-14', Bits			$84.75
Invoice 13379	12/27/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$712.62
Refer	2864 *MOTOROLA SOLUTIONS, INC.*		-			
Cash Payment	E 100-42260-323 Radio Units		8 Batteries for Radios			$440.00
Invoice 8280880206	12/5/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$440.00
Refer	2841 *Nikula, Elaine*		-			
Cash Payment	E 100-48205-810 Refunds & Reimburseme		Hall Damage Deposit Release - 12/24/19 Event			$200.00
Invoice	12/26/2019					
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$200.00
Refer	2877 *POSTMASTER*		-			
Cash Payment	E 100-41570-322 Postage		Postage - 1st Quarter Newsletter			$233.41
Invoice						

CITY OF HANOVER

Payments

Current Period: December 2019

Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$233.41
Refer	2842 *QUIGLEY, MARILYN T*		-			
Cash Payment	E 100-48205-810 Refunds & Reimburseme		Hall Damage Deposit Release - 12/29/19 Event			$200.00
Invoice	12/30/2019					
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$200.00
Refer	2843 *RANDYS ENVIRONMENTAL SERVI*		Ck# 002839E 1/7/2020			
Cash Payment	E 100-43245-384 Refuse/Garbage Dispos		Recycling - December 2019			$3,494.40
Invoice	12/19/2019					
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$3,494.40
Refer	2866 *ROSS, ANTHONY*		-			
Cash Payment	E 201-41330-111 Committee Wages/Meeti		EDA Meetings - 2019			$390.00
Invoice						
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$390.00
Refer	2848 *SCHENDEL, JIM*		-			
Cash Payment	E 100-41330-111 Committee Wages/Meeti		Planning Commission Meetings - 2019			$540.00
Invoice						
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$540.00
Refer	2873 *Sharrow Lifting Products*		-			
Cash Payment	E 100-43000-220 Repair/Maint Supply (GE		Loader: Set of 2 Peerless Import Tire Chains			$726.50
Invoice 134992	12/26/2019					
Transaction Date	12/31/2019	Due 12/31/2019	Cash	10100	**Total**	$726.50
Refer	2882 *ULTIMATE SAFETY CONCEPTS, IN*		-			
Cash Payment	E 100-42260-220 Repair/Maint Supply (GE		Butterfly Valve 5", 5" NST F x 5" Storz Elbow			$920.00
Invoice 186044	12/18/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$920.00
Refer	2880 *VISA - BANKWEST*		-			
Cash Payment	E 100-41570-200 Office Supplies (GENER		Envelopes, Correction Tape, Deskpad, Paper, Tape			$161.34
Invoice 403618148-001	11/18/2019					
Cash Payment	E 100-41570-200 Office Supplies (GENER		Flash Drives			$23.99
Invoice 403620453-001	11/19/2019					
Cash Payment	E 100-43000-321 Telephone		2 Belt Clips for Cell Phone Cases			$64.41
Invoice 08478550	11/19/2019					
Cash Payment	E 100-41940-321 Telephone		City Hall Phone Services - 8 Lines - 11/23/19 - 12/22/19			$195.41
Invoice INV00120060	11/25/2019					
Cash Payment	E 100-43000-321 Telephone		Public Works Phone Services - 3 Lines - 11/23/19 - 12/22/19			$116.28
Invoice INV00120060	11/25/2019					
Cash Payment	E 100-41570-322 Postage		Forever Stamps - 20 Rolls			$1,100.00
Invoice 627	11/26/2019					
Cash Payment	E 100-41600-310 Other Professional Servi		Office 365 Business Software			$8.86
Invoice E06009U1AG	12/13/2019					
Cash Payment	E 100-41600-310 Other Professional Servi		Microsoft Online Exchange - 29 E-Mail Accounts			$116.00
Invoice E06009U1AY	12/13/2019					
Cash Payment	E 100-41570-200 Office Supplies (GENER		Receipt Books - Qty 1,000			$399.19
Invoice 02046446685	12/13/2019					

CITY OF HANOVER

Payments

Current Period: December 2019

Cash Payment	E 100-43000-260 Uniforms		3 Pairs of Ice Cleats			$57.98
Invoice 0873	12/17/2019					
Cash Payment	E 100-43000-260 Uniforms		JR & Carl: Winter Boots			$283.76
Invoice 2093	12/18/2019					
Transaction Date	1/2/2020	Due 1/2/2020	Cash	10100	**Total**	$2,527.22
Refer	2847 *WRIGHT-HENNEPIN COOPERATIV*		Ck# 002841E 1/7/2020			
Cash Payment	E 100-45200-381 Electric Utilities		EagleView Park - 3 Light Poles			$55.47
Invoice 35027669292	12/18/2019					
Cash Payment	G 100-15500 Prepaid Items		PW Building: Fire Panel Monitoring 2/29/20			$27.95
Invoice 35027669292	12/18/2019					
Cash Payment	G 100-15500 Prepaid Items		PW Building: Fire Alarm Testing / Inspection 2/29/19			$18.95
Invoice 35027669292	12/18/2019					
Cash Payment	E 100-43000-310 Other Professional Servi		PW Building: 2019 Maintenance Equipment / Parts			$50.00
Invoice 35027669292	12/18/2019					
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$152.37
Refer	2840 *WSB & ASSOCIATES, INC.*		Ck# 002838E 1/7/2020			
Cash Payment	E 100-41950-303 Engineering Fees		General Engineering: November 2019			$377.00
Invoice 013265-11-1219	12/26/2019					
Cash Payment	E 818-41950-310 Other Professional Servi		TOMAR, LLC / Astro Engineering: November 2019			$198.00
Invoice 013265-11-1219	12/26/2019			Project 208261		
Cash Payment	E 818-41950-310 Other Professional Servi		David & AuriAnna Mooers - On Site Building Variance: November 2019			$1,207.50
Invoice 013265-11-1219	12/26/2019			Project 208264		
Cash Payment	E 603-41950-310 Other Professional Servi		2019 MS4 Services			$460.00
Invoice 013432-8-1219	12/26/2019					
Cash Payment	E 418-43121-310 Other Professional Servi		2020 Pavement Improvement Project: November 2019			$1,718.00
Invoice 015117-2-1219	12/26/2019					
Cash Payment	E 828-41950-310 Other Professional Servi		CRHW 4th Addition - Phase 2 Construction Services - Construction Inspection Observation: November 2019			$4,789.50
Invoice 012259-10-1219	12/26/2019					
Cash Payment	E 828-41950-310 Other Professional Servi		CRHW 4th Addition - Phase 2 Construction Services - Project Management: November 2019			$875.00
Invoice 012259-10-1219	12/26/2019					
Cash Payment	E 828-41950-310 Other Professional Servi		CRHW 4th Addition - Phase 2 Construction Services - Erosion Control Site Inspections: November 2019			$1,380.00
Invoice 012259-10-1219	12/26/2019					
Cash Payment	E 818-41950-310 Other Professional Servi		Fehn Companies - Pit Expansion: November 2019			$1,180.00
Invoice 014135-6-1219	12/26/2019			Project 208263		
Cash Payment	E 823-41950-310 Other Professional Servi		CRHW 3rd Addition - Phase 2 Construction - Construction Observation: November 2019			$1,150.00
Invoice 010287-31-1219	12/26/2019					
Transaction Date	12/30/2019	Due 12/30/2019	Cash	10100	**Total**	$13,335.00
Refer	2838 *XCEL ENERGY*		-			

CITY OF HANOVER

Payments

Current Period: December 2019

Cash Payment	E 100-42280-381 Electric Utilities	Fire Station 11/04/19 - 12/07/19		$236.23
Invoice 665792103	12/17/2019			
Cash Payment	E 100-41940-381 Electric Utilities	City Hall 11/04/19 - 12/07/19		$626.20
Invoice 665792103	12/17/2019			
Cash Payment	E 100-45200-381 Electric Utilities	Historical Bridge Lighting 11/04/19 - 12/05/19		$74.93
Invoice 665792103	12/17/2019			
Cash Payment	E 100-43160-381 Electric Utilities	209 LaBeaux Avenue NE 11/04/19 - 12/05/19		$27.80
Invoice 665792103	12/17/2019			
Cash Payment	E 100-45200-381 Electric Utilities	Cardinal Circle Park 11/05/19 - 12/08/19		$13.36
Invoice 665792103	12/17/2019			
Cash Payment	E 100-45200-381 Electric Utilities	1033 Mallard Street NE 11/05/19 - 12/08/19		$10.57
Invoice 665792103	12/17/2019			
Cash Payment	E 100-43160-381 Electric Utilities	751 LaBeaux Avenue NE 11/05/19 - 12/08/19		$67.06
Invoice 665792103	12/17/2019			
Cash Payment	E 100-43000-381 Electric Utilities	Public Works Building 11/04/19 - 12/05/19		$488.97
Invoice 665792103	12/17/2019			
Transaction Date	12/30/2019 Due 12/30/2019	Cash 10100	**Total**	$1,545.12
Refer	2853 *ZRUST, TED*			
Cash Payment	E 201-41330-111 Committee Wages/Meeti	EDA Meetings - 2019		$240.00
Invoice				
Transaction Date	12/30/2019 Due 12/30/2019	Cash 10100	**Total**	$240.00

Fund Summary

	10100 Cash
100 GENERAL FUND	$43,705.03
201 EDA SPECIAL REVENUE FUND	$1,860.00
418 STREET CAPITAL PROJ FUND	$1,718.00
603 STORM WATER ENTERPRISE FUND	$460.00
818 MISC ESCROWS FUND	$2,585.50
823 CROW RVR HTS WEST 3RD / BACKES	$1,150.00
828 CROW RVR HTS 4TH DEVEL AGRMT	$7,044.50
	$58,523.03

Pre-Written Check	$19,768.30
Checks to be Generated by the Computer	$38,754.73
Total	$58,523.03

CITY OF HANOVER

*Check Summary Register©

January 2020

	Name	Check Date	Check Amt	
10100 Cash				
2838e	WSB & ASSOCIATES, INC.	1/7/2020	$13,335.00	General Engineering: November 2019
2839e	Randy's Environmental Services	1/7/2020	$3,494.40	Recycling - December 2019
2841e	Wright-Hennepin Coop Electric	1/7/2020	$152.37	EagleView Park - 3 Light Poles
2842e	KUITUNEN, DEAN	1/7/2020	$510.00	Planning Commission Meetings - 2019
2843e	CHRISTENSON, MIKE	1/7/2020	$450.00	Planning Commission Meetings - 2019
2844e	BARTELS, TODD	1/7/2020	$390.00	EDA Meetings - 2019
2846e	ALLINA HEALTH SYSTEM	1/7/2020	$804.28	Education Billing - 4th Quarter 2019
2847e	DYNA SYSTEMS	1/7/2020	$632.25	Cap Screw Six Shooters, Split Lock Washers,
34714	ANDERSON, MARJORIE	1/7/2020	$200.00	Hall Damage Deposit Release - 12/15/19 Even
34715	ARMSTRONG, MICHELLE	1/7/2020	$540.00	Planning Commission Meetings - 2019
34716	AT&T MOBILITY	1/7/2020	$222.45	PW Cell Phones - 11/18/19 - 12/17/19
34717	BURSCHVILLE CONSTRUCTION	1/7/2020	$650.00	Grading of Gravel Roads on 10/29/19
34718	CARDMEMBER SRVC (CENTRAL	1/7/2020	$445.10	Kochek Storz to NH Swivel Rocker Lug Femal
34719	CARSON, CLELLAND & SCHRED	1/7/2020	$134.29	Legal Support / Work - December 2019
34720	CLASSIC CLEANING COMPANY,	1/7/2020	$535.00	City Hall Monthly Cleaning - December 2019
34721	CROW RIVER FARM EQUIPMEN	1/7/2020	$151.32	48' of 2x2x1/8 Tube, 15' of 3/8x2 HR
34722	CUKA, STEPHANIE	1/7/2020	$200.00	Hall Damage Deposit Release - 12/14/19 Even
34723	DISMANG, BRIAN	1/7/2020	$390.00	EDA Meetings - 2019
34724	GRANITE ELECTRONICS	1/7/2020	$280.92	Desktop Chargers - Qty 2, Impres Remote Spe
34725	GUIDANCE POINT TECHNOLOGI	1/7/2020	$1,944.98	10/14/19 Remote Service: Scanning Computer
34726	HACKENMUELLER, FRANCIS OR	1/7/2020	$150.00	Hall Damage Deposit Release - 12/21/19 Even
34727	HENNEPIN COUNTY SHERIFF S	1/7/2020	$20,679.00	HC Sheriff Patrol Services - 4th Quarter 2019
34728	JOHNSON, JESSICA	1/7/2020	$450.00	EDA Meetings - 2019
34729	KOLASA, STAN	1/7/2020	$450.00	Planning Commission Meetings - 2019
34730	McDonald Hopkins LLC	1/7/2020	$2,656.80	B. Hagen: E-Mail Compromise Incident
34731	MENARDS - BUFFALO	1/7/2020	$712.62	Fuel Barrel Roof: Joist Hangers, Nails, 2x10-14
34732	MOTOROLA SOLUTIONS, INC.	1/7/2020	$440.00	8 Batteries for Radios
34733	Nikula, Elaine	1/7/2020	$200.00	Hall Damage Deposit Release - 12/24/19 Even
34734	POSTMASTER	1/7/2020	$233.41	Postage - 1st Quarter Newsletter
34735	QUIGLEY, MARILYN T	1/7/2020	$200.00	Hall Damage Deposit Release - 12/29/19 Even
34736	ROSS, ANTHONY	1/7/2020	$390.00	EDA Meetings - 2019
34737	SCHENDEL, JIM	1/7/2020	$540.00	Planning Commission Meetings - 2019
34738	Sharrow Lifting Products	1/7/2020	$726.50	Loader: Set of 2 Peerless Import Tire Chains
34739	ULTIMATE SAFETY CONCEPTS,	1/7/2020	$920.00	Butterfly Valve 5", 5" NST F x 5" Storz Elbow
34740	VISA - BANKWEST	1/7/2020	$2,527.22	Office 365 Business Software
34741	XCEL ENERGY	1/7/2020	$1,545.12	1033 Mallard Street NE 11/05/19 - 12/08/19
34742	ZRUST, TED	1/7/2020	$240.00	EDA Meetings - 2019
		Total Checks	$58,523.03	

FILTER: (([Act Year]='2020' and [period] in (12)) or ([Act Year]='2019')) and (Source in ('12-31-19 PAY','12-31-19 PAY1'))

Carson, Clelland & Schreder
ATTORNEYS AT LAW
6300 SHINGLE CREEK PARKWAY STE 305
MINNEAPOLIS, MN 55430-2190
(763)-561-2800

December 27, 2019

CITY OF HANOVER
CITY ADMINISTRATOR
11250 5TH STREET NE
HANOVER, MN 55341

Professional Services

		Amount
	Criminal	
11/27/2019	Attend arraignments and pretrial hearings	48.75
12/16/2019	Review Brookdale files in preparation for 12/17 calendar	24.38
12/17/2019	Attend/handle hearings at Brookdale court	32.50
12/23/2019	Open criminal files, preparation of criminal complaints; preparation of cases for court calendars, including court and jury trials; contact and notice to witnesses for trial testimony, prepare outgoing discovery requests, complete incoming discovery requests for monthly period	6.25
	Open criminal files, preparation of criminal complaints; preparation of cases for court calendars, including court and jury trials; contact and notice to witnesses for trial testimony, prepare outgoing discovery requests, complete incoming discovery requests for monthly period	12.50
	SUBTOTAL:	[124.38]
	For professional services rendered	**$124.38**

Client Expense Charges :

Criminal Expenses:

E# 100-41610-304
City Attorney
↳ Legal Fees

Monthly support fee for November		9.91
	SUBTOTAL:	[9.91]
	Total Client Expense Charges	**$9.91**
	Total amount of this bill	**$134.29**
	Previous balance	**$121.88**

DEC 30 2019

		Amount
12/26/2019	Payment - thank you	($121.88)
	Total payments and adjustments	**($121.88)**
	Balance due	**$134.29**

I hereby declare under the penalties of perjury that the foregoing statement for legal services is just and correct and that no part thereof has been paid.

John J. Thames, City Attorney

McDonald Hopkins

McDonald Hopkins LLC
Suite 2100
600 Superior Avenue, E
Cleveland, Ohio 44114

P: 216.348.5400
F: 216.348.5474
mcdonaldhopkins.com
Fed. ID 34-1059058

Chicago | Cleveland | Columbus | Detroit | Miami | West Palm Beach

Invoices Due Upon Receipt

CITY OF HANOVER, MN
BRIAN HAGEN
CITY ADMINISTRATOR
11250 5TH STREET NE
HANOVER, MN 55341

DECEMBER 14, 2019
Invoice No: 1371944

FOR SERVICES RENDERED AND DISBURSEMENTS AS FOLLOWS

RE: 0365 COMPROMISE INCIDENT
47271-00001

THROUGH OCTOBER 31, 2019 INCLUDING THE FOLLOWING ITEMIZED SERVICES

FEES FOR SERVICES	$ 2,952.00
LESS 10% FEE DISCOUNT	-295.20
TOTAL	$ 2,656.80

AGING OF ACCOUNT

0 - 30 DAYS	31 - 60 DAYS	61 - 90 DAYS	91 + DAYS	TOTAL
$2,656.80	$0.00	$0.00	$0.00	$2,656.80

E# 100-41610-304
City Attorney
↳ Legal Fees

PAYMENT BY WIRE TRANSFER, ACH, OR CREDIT CARD
CONTACT ACCOUNTS RECEIVABLE AT (216) 348-5445
OR MHACCOUNTING@MCDONALDHOPKINS.COM

PAYMENT BY CHECK
MCDONALD HOPKINS LLC
ATTN: ACCOUNTS RECEIVABLE
600 SUPERIOR AVE, E.
SUITE 2100
CLEVELAND, OHIO 44114

McDonald Hopkins

McDonald Hopkins LLC
Suite 2100
600 Superior Avenue, E
Cleveland, Ohio 44114

P: 216.348.5400
F: 216.348.5474
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Invoices Due Upon Receipt

CITY OF HANOVER, MN
BRIAN HAGEN
CITY ADMINISTRATOR
11250,5TH STREET NE
HANOVER, MN 55341

DECEMBER 14, 2019
Invoice No: 1371944

FOR SERVICES RENDERED AND DISBURSEMENTS AS FOLLOWS

RE: 0365 COMPROMISE INCIDENT
47271-00001

THROUGH OCTOBER 31, 2019 INCLUDING THE FOLLOWING ITEMIZED SERVICES

FEES FOR SERVICES	$	2,952.00
LESS 10% FEE DISCOUNT		-295.20
TOTAL	$	2,656.80

STATEMENT OF ACCOUNT

STATEMENT DATED CURRENT	$	2,656.80
TOTAL AMOUNT DUE	$	2,656.80

PAYMENT BY WIRE TRANSFER, ACH, OR CREDIT CARD
CONTACT ACCOUNTS RECEIVABLE AT (216) 348-5445
OR MHACCOUNTING@MCDONALDHOPKINS.COM

PAYMENT BY CHECK
MCDONALD HOPKINS LLC
ATTN: ACCOUNTS RECEIVABLE
600 SUPERIOR AVE, E.
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CLEVELAND, OHIO 44114

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Invoices Due Upon Receipt

RE: 0365 COMPROMISE INCIDENT
47271-00001

07/17/19	CONDUCT AND PARTICIPATE IN STATUS CALL WITH INCIDENT RESPONSE TEAM; CONDUCT LEGAL ANALYSIS RE INCIDENT			
	DOMINIC PALUZZI	1.30 hours at	440.00/hr	572.00
07/17/19	INTAKE CALL WITH CLIENT AND FOLLOW UP REGARDING SAME			
	AMANDA MARTIN	0.90 hours at	265.00/hr	238.50
08/07/19	ATTENTION TO SEARCH HISTORY EXTRACTON			
	AMANDA MARTIN	0.20 hours at	265.00/hr	53.00
08/12/19	ATTENTION TO COMMUNICATIONS WITH CLIENT AND IT FIRM TO DETERMINE ATTACKER SEARCHES			
	AMANDA MARTIN	0.50 hours at	265.00/hr	132.50
08/15/19	COMMUNICATIONS WITH IT SUPPORT REGARDING POTENTIAL EMAIL COMPROMISE			
	AMANDA MARTIN	0.20 hours at	265.00/hr	53.00
08/16/19	CONDUCT LEGAL ANALYSIS RE INCIDENT			
	DOMINIC PALUZZI	0.80 hours at	440.00/hr	352.00
08/20/19	CONDUCT LEGAL ANALYSIS RE INCIDENT; CONDUCT AND PARTICIPATE IN STATUS CALL WITH INCIDENT RESPONSE TEAM.			
	DOMINIC PALUZZI	0.90 hours at	440.00/hr	396.00
08/20/19	PHONE CALL WITH CLIENT TO DISCUSS STATUS AND NEXT STEPS			
	AMANDA MARTIN	0.50 hours at	265.00/hr	132.50
08/21/19	COMMUNICATION WITH IT COMPANY REGARDIN WRITE UP OF INVESTIGATION			
	AMANDA MARTIN	0.20 hours at	265.00/hr	53.00

McDonald Hopkins

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600 Superior Avenue, E
Cleveland, Ohio 44114

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F: 216.348.5474
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Fed. ID 34-1059058

Chicago | Cleveland | Columbus | Detroit | Miami | West Palm Beach

Invoices Due Upon Receipt

RE: O365 COMPROMISE INCIDENT
47271-00001

09/25/19	DRAFT LEGAL ANALYSIS AND RISK ASSESSMENT MEMORANDUM FOR SECURITY INCIDENT			
	AMANDA MARTIN	1.50 hours at	265.00/hr	397.50
10/08/19	CONDUCT LEGAL ANALYSIS RE INCIDENT; REVISE RISK ASSESSMENT MEMORANDUM.			
	DOMINIC PALUZZI	1.30 hours at	440.00/hr	572.00

McDonald Hopkins
A business advisory and advocacy law firm®

McDonald Hopkins PLC
39533 Woodward Avenue
Suite 318
Bloomfield Hills, MI 48304

P 1.248.646.5070
F 1.248.646.5075

James J. Giszczak
Direct Dial: 248.220.1354
E-mail: jgiszczak@mcdonaldhopkins.com

December 16, 2019

Brian Hagen
City Administrator
City of Hanover, MN
11250 5th Street NE
Hanover, MN 55341
brianh@ci.hanover.mn.us

Mike Forys
League of Minnesota Cities
mforys@lmc.org

Re: O365 Compromise Incident

Dear Mr. Hagen:

I enclose our statement for professional services and disbursements posted through the date referenced thereon. A more detailed description of our services is provided by the computer printout summary of the time devoted by each professional in rendering the services involved and the hourly rates reflected in our charges for professional services enclosed herein.

As always, it is a pleasure working with you. Thank you again for your use of McDonald Hopkins. If you have any questions regarding the above, the enclosed bill, or any other matters, please feel free to contact me at your convenience.

Very truly yours,

James J. Giszczak

JJG/kjb
Enclosure

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

2838

wsb

December 26, 2019

Mr. Brian Hagen
City of Hanover
11250 5th Street NE
Hanover, MN 55341

Re: November 2019 Invoices

Dear Mr. Hagen:

Enclosed please find a list of the current invoices for professional engineering services during the month of November for the City of Hanover.

If you have any questions, please contact me at 651-286-8465.

Sincerely,

WSB & Associates, Inc.

Justin Messner
Principal

Enclosures

nf

Project Budget Tracking

For the period 11/1/2019 - 11/30/2019

Project Name	WSB Project #	Project Manager	Current Invoice	Fee Type	JTD Billed	Comments	Client Invoice Reviewer
HANO - 2019 General Engineering Services	R-013265-000	Preisler, Nicholas	$ 1,782.50	Hourly	$ 29,468.00		Hagen, Brian
HANO - 2019 MS4 Services	R-013432-000	Johnson, Paul	$ 460.00	Hourly	$ 3,263.00		Hagen, Brian
HANO - 2020 Pavement Improvement Project	R-015117-000	Preisler, Nicholas	$ 1,718.00	Not to Exceed	$ 2,258.50		Hagen, Brian
HANO - Crow River Heights West 4th Addition	R-012259-000	Preisler, Nicholas	$ 7,044.50	Hourly	$ 48,020.25		Hagen, Brian
HANO - Mahler Mining Pit Expansion	R-014135-000	Preisler, Nicholas	$ 1,180.00	Hourly	$ 11,367.75		Hagen, Brian
HANO- Crow River Heights West 3rd Addition	R-010287-000	Preisler, Nicholas	$ 1,150.00	Hourly	$ 80,561.75		Hagen, Brian
Final Totals			$ 13,335.00				

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

wsb

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
Hanover, MN 55341

December 26, 2019
Project/Invoice: R-013265-000 - 11- 1219
Reviewed by: Justin Messner
Project Manager: Nicholas Preisler

2019 General Engineering Services

Professional Services from November 1, 2019 to November 30, 2019

Phase 001 General Engineering Services

Project Management

		Hours	Rate	Amount	
Preisler, Nicholas	11/12/2019	1.00	132.00	132.00	
10713 Settlers Lane Permit Engineering review					
Preisler, Nicholas	11/12/2019	.50	132.00	66.00	
Astro Engineering utilities & SAC/WAC					
Preisler, Nicholas	11/13/2019	1.25	132.00	165.00	
CenturyLink ROW permit - Job #19205994					
Preisler, Nicholas	11/26/2019	1.00	132.00	132.00	
Astro Engineering - utility plan review & comment					
Totals		3.75		495.00	
Total Labor					**495.00**
			Total this Task		**$495.00**

Council Meetings

Unit Billing

Meetings/Council Meetings ($40)

11/30/2019	2.0 Meetings @ 40.00	80.00	
Total Units		**80.00**	**80.00**
	Total this Task		**$80.00**

Environmental Compliance Inspections David & AuriAnna Mooers

		Hours	Rate	Amount
Johnson, Paul	11/4/2019	1.50	115.00	172.50
500 Kadler Erosion Control Inspection				
Johnson, Paul	11/5/2019	1.00	115.00	115.00
500 Kadler Erosion Control Inspection				
Johnson, Paul	11/11/2019	1.50	115.00	172.50
500 Kadler Erosion Control Inspection				
Johnson, Paul	11/12/2019	1.00	115.00	115.00
500 Kadler Erosion Control Inspection				
Johnson, Paul	11/13/2019	1.00	115.00	115.00
500 Kadler Erosion Control Inspection				

Project	R-013265-000	HANO - 2019 General Engineering Services		Invoice	11
Johnson, Paul	11/18/2019	1.00	115.00	115.00	
500 Kadler Erosion Control Inspection					
Johnson, Paul	11/19/2019	1.00	115.00	115.00	
500 Kadler Erosion Control Inspection					
Johnson, Paul	11/26/2019	1.50	115.00	172.50	
500 Kadler Erosion Control Inspection					
Johnson, Paul	11/27/2019	1.00	115.00	115.00	
500 Kadler Erosion Control Inspection					
Totals		10.50		1,207.50	
Total Labor					**1,207.50**
			Total this Task		**$1,207.50**
			Total this Phase		**$1,782.50**
			Total this Invoice		**$1,782.50**

Billings to Date

	Current	Prior	Total
Labor	1,702.50	27,405.50	29,108.00
Units	80.00	280.00	360.00
Totals	**1,782.50**	**27,685.50**	**29,468.00**

377.00 = General Engineering
E# 100-41950-303
Engineer → Engineering Fees

198.00 = Astro Engineering - Site Plan & Building Plan
Project # 208261
E# 818-41950-310
Misc. Escrows → Engineer → Other Prof. Svcs.

1,207.50 = David & AuriAnna Mooers - On Site Building Variance
Project # 208264
E# 818-41950-310
Misc. Escrows → Engineer → Other Prof. Svcs.

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

wsb

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
Hanover, MN 55341

December 26, 2019
Project/Invoice: R-013432-000 - 8- 1219
Reviewed by: Justin Messner
Project Manager: Paul Johnson

2019 MS4 Services

Professional Services from November 1, 2019 to November 30, 2019

Phase 001 2019 MS4 Services
SWPPP

		Hours	Rate	Amount	
Johnson, Paul	11/11/2019	1.00	115.00	115.00	
Final Quarter Check-in					
Johnson, Paul	11/18/2019	.50	115.00	57.50	
MS4 Checkin					
Johnson, Paul	11/22/2019	.50	115.00	57.50	
Quarter Check in update					
Johnson, Paul	11/25/2019	2.00	115.00	230.00	
MS4 Public Works Facility Site Visit/Inspection					
Totals		4.00		460.00	
Total Labor					**460.00**
			Total this Task		**$460.00**
			Total this Phase		**$460.00**
			Total this Invoice		**$460.00**

Billings to Date

	Current	Prior	Total
Labor	460.00	2,803.00	3,263.00
Totals	**460.00**	**2,803.00**	**3,263.00**

E# 603-41950-310
Storm Water Enterprise Fund
↳ Engineer
↳ Other Prof. Svcs.

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

wsb

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
Hanover, MN 55341

December 26, 2019
Project/Invoice: R-015117-000 - 2 - 1219
Reviewed by: Justin Messner
Project Manager: Nicholas Preisler

2020 Pavement Improvement Project
Professional Services from November 1, 2019 to November 30, 2019

Phase 001 Pavement Analysis
Project Management

		Hours	Rate	Amount	
Blanchette, Andrea	11/11/2019	2.00	116.00	232.00	
Project Management/Coordination					
Blanchette, Andrea	11/12/2019	2.00	116.00	232.00	
Report Recommendations					
Lee, Sheue Torng	11/8/2019	2.00	94.00	188.00	
Whitetail Drive Coring Report Writing					
Odegard, Erica	11/11/2019	.25	94.00	23.50	
Project Management					
Preisler, Nicholas	11/11/2019	.25	132.00	33.00	
Pavement core analysis					
Wood, Thomas	11/11/2019	1.50	143.00	214.50	
field review of streets to determine what is best fix					
Totals		8.00		923.00	
Total Labor					**923.00**
			Total this Task		**$923.00**

Two-Person Coring Crew
Unit Billing
Coring-2-Person Crew

11/7/2019	3.0 Hours @ 265.00	795.00		
Total Units		**795.00**	**795.00**	
		Total this Task		**$795.00**
		Total this Phase		**$1,718.00**

Billing Limits	**Current**	**Prior**	**To-Date**
Total Billings	1,718.00	540.50	2,258.50
Limit			31,950.00
Remaining			29,691.50

Total this Invoice **$1,718.00**

E# 418-43121-310
Street Capital
↳ Paved Streets
↳ Other Prof. Svcs.

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

wsb

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
Hanover, MN 55341

December 26, 2019
Project/Invoice: R-012259-000 - 10 - 1219
Reviewed by: Justin Messner
Project Manager: Nicholas Preisler

Crow River Heights West 4th Addition
Professional Services from November 1, 2019 to November 30, 2019

Phase 002 Construction Services
Construction Inspection - Observation

		Hours	Rate	Amount	
Hoff, Brandon	11/5/2019	6.50	93.00	604.50	
observationg of roadway					
Hoff, Brandon	11/6/2019	10.00	93.00	930.00	
observation of roadway					
Hoff, Brandon	11/7/2019	10.50	93.00	976.50	
observation of roadway					
Hoff, Brandon	11/8/2019	10.00	93.00	930.00	
observation of roadway					
Hoff, Brandon	11/11/2019	10.50	93.00	976.50	
observed roadway.					
Hoff, Brandon	11/12/2019	4.00	93.00	372.00	
observed roadway.					
Totals		51.50		4,789.50	
Total Labor					**4,789.50**
			Total this Task		**$4,789.50**

Project Management

		Hours	Rate	Amount	
Messner, Justin	11/18/2019	.50	166.00	83.00	
Project Management					
Preisler, Nicholas	11/4/2019	2.50	132.00	330.00	
Construction coordination					
Preisler, Nicholas	11/6/2019	2.00	132.00	264.00	
Construction coordination					
Preisler, Nicholas	11/8/2019	1.50	132.00	198.00	
Construction coordination					
Totals		6.50		875.00	
Total Labor					**875.00**
			Total this Task		**$875.00**

Erosion Control Site Inspections

Project	R-012259-000	HANO - Crow River Heights West 4th Addit	Invoice	10

		Hours	Rate	Amount	
Johnson, Paul	11/5/2019	2.00	115.00	230.00	
erosion control					
Johnson, Paul	11/6/2019	1.00	115.00	115.00	
erosion control					
Johnson, Paul	11/12/2019	2.00	115.00	230.00	
Erosion Control					
Johnson, Paul	11/13/2019	1.00	115.00	115.00	
Erosion Control					
Johnson, Paul	11/18/2019	2.00	115.00	230.00	
Erosion Control					
Johnson, Paul	11/19/2019	1.00	115.00	115.00	
Erosion Control					
Johnson, Paul	11/26/2019	2.00	115.00	230.00	
Erosion Control					
Johnson, Paul	11/27/2019	1.00	115.00	115.00	
Erosion Control					
Totals		12.00		1,380.00	
Total Labor					**1,380.00**
			Total this Task		**$1,380.00**
			Total this Phase		**$7,044.50**

Billing Limits	**Current**	**Prior**	**To-Date**
Total Billings	7,044.50	40,975.75	48,020.25
Limit			60,000.00
Remaining			11,979.75

Total this Invoice **$7,044.50**

E# 828-41950-310

CRHW 4th Addition - Developers Agreement

↳ Engineer

↳ Other Prof. Svcs.

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

wsb

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
Hanover, MN 55341

December 26, 2019
Project/Invoice: R-014135-~~000~~ - 6 - 1219
Reviewed by: Justin Messner
Project Manager: Nicholas Preisler

Mahler Mining Pit Expansion
Professional Services from November 1, 2019 to November 30, 2019

Phase 001 Mahler Mining Pit Expansion
Plan Review

		Hours	Rate	Amount	
Alms, William	11/1/2019	.50	146.00	73.00	
EAW review					
Messner, Justin	11/8/2019	1.00	166.00	166.00	
Revised Comments					
Messner, Justin	11/18/2019	.50	166.00	83.00	
Project Management					
Preisler, Nicholas	11/6/2019	1.25	132.00	165.00	
Revised end use plan review & comment					
Preisler, Nicholas	11/8/2019	.75	132.00	99.00	
Revised end use plan memo					
Preisler, Nicholas	11/18/2019	2.25	132.00	297.00	
Review and comment on updated end use plan					
Preisler, Nicholas	11/20/2019	2.25	132.00	297.00	
Meeting with applicant and engineer					
Totals		8.50		1,180.00	
Total Labor					**1,180.00**
			Total this Task		**$1,180.00**
			Total this Phase		**$1,180.00**
			Total this Invoice		**$1,180.00**

Billings to Date

	Current	Prior	Total
Labor	1,180.00	10,187.75	11,367.75
Totals	**1,180.00**	**10,187.75**	**11,367.75**

E# 818-41950-310
Misc. Escrows
↳ Engineer
↳ Other Prof. Svcs.

Project # 208263

701 XENIA AVENUE S
SUITE 300
MINNEAPOLIS, MN
55416

wsb

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
Hanover, MN 55341

December 26, 2019
Project/Invoice: R-010287-~~000~~ - 31 - 1219
Reviewed by: Justin Messner
Project Manager: Nicholas Preisler

Crow River Heights West 3rd Addition
Professional Services from November 1, 2019 to November 30, 2019

Phase 002 Construction
Construction Observation

		Hours	Rate	Amount	
Johnson, Paul erosion control	11/5/2019	1.50	115.00	172.50	
Johnson, Paul erosion control	11/6/2019	1.00	115.00	115.00	
Johnson, Paul Erosion Control	11/12/2019	1.50	115.00	172.50	
Johnson, Paul Erosion Control	11/13/2019	1.00	115.00	115.00	
Johnson, Paul Erosion Control	11/18/2019	1.50	115.00	172.50	
Johnson, Paul Erosion Control	11/19/2019	1.00	115.00	115.00	
Johnson, Paul Erosion Control	11/26/2019	1.50	115.00	172.50	
Johnson, Paul Erosion Control	11/27/2019	1.00	115.00	115.00	
Totals		10.00		1,150.00	
Total Labor					**1,150.00**
			Total this Task		**$1,150.00**
			Total this Phase		**$1,150.00**
			Total this Invoice		**$1,150.00**

Billings to Date

	Current	Prior	Total
Labor	1,150.00	79,411.75	80,561.75
Totals	**1,150.00**	**79,411.75**	**80,561.75**

E# 823 - 41950 - 310
CRHW 3rd Addition - Developers Agreement
↳ Engineer
↳ Other Prof. Svcs.

CITY OF HANOVER

Cash Balances

December 2019

Fund	Begin Month	GL Debits Month	GL Credits Month	Balance
100 GENERAL FUND	$504,125.24	$535,590.19	$145,331.61	$894,383.82
107 FIRE DEPT DONATIONS FUND	$20,885.79	$5,070.00	$0.00	$25,955.79
201 EDA SPECIAL REVENUE FUND	$118,921.85	$22,776.70	$1,860.00	$139,838.55
205 EDA BUSINESS INCENTIVE FUND	$64,688.91	$2,907.08	$0.00	$67,595.99
311 2008A GO CIP REFUNDING BOND	$64,551.44	$19,911.00	$0.00	$84,462.44
312 2009A GO IMP REFUNDING BOND	$13,606.15	$1,725.78	$0.00	$15,331.93
314 2011A GO IMP CROSSOVER REF BD	$385,454.88	$83,672.10	$0.00	$469,126.98
315 2016A GO CIP BOND	$46,899.45	$54,818.00	$0.00	$101,717.45
401 GENERAL CAPITAL PROJECTS	$715,912.01	$4,665.62	$0.00	$720,577.63
402 PARKS CAPITAL PROJECTS	$80,742.66	$12,500.00	$0.00	$93,242.66
403 FIRE DEPT CAPITAL FUND	$263,755.92	$20,568.29	$0.00	$284,324.21
404 HISTORICAL CAPITAL PROJ FUND	$0.00	$0.00	$0.00	$0.00
405 PARK DEDICATION FEE	$117,756.70	$0.00	$0.00	$117,756.70
406 GAMBLING PROCEEDS	$17,371.99	$1,400.00	$0.00	$18,771.99
407 TIF REDEV DIST #1	$11,200.77	$3,136.56	$5,645.82	$8,691.51
409 MAHLER PIT - 15TH ST IMP FUND	$95,428.14	$0.00	$0.00	$95,428.14
411 FACILITIES CAPITAL PROJ FUND	$0.00	$0.00	$0.00	$0.00
417 EQUIPMENT CAPITAL FUND	$90,117.98	$10,000.00	$3,331.95	$96,786.03
418 STREET CAPITAL PROJ FUND	$110,886.04	$84,903.00	$2,258.50	$193,530.54
601 WATER ENTERPRISE FUND	$959,044.45	$10,255.08	$0.00	$969,299.53
602 SEWER ENTERPRISE FUND	$345,903.85	$33,265.07	$32,993.64	$346,175.28
603 STORM WATER ENTERPRISE FUND	$160,480.55	$4,614.20	$632.08	$164,462.67
611 WATER CAPITAL IMP FUND	$216,723.00	$577.06	$0.00	$217,300.06
612 SEWER CAPITAL IMP FUND	$2,134,957.61	$16,478.82	$0.00	$2,151,436.43
613 STORM WATER CAPITAL IMP FUND	$684,882.02	$0.00	$0.00	$684,882.02
701 RIVER ROAD CEMETERY	$35,981.74	$0.00	$0.00	$35,981.74
811 EROSION CONTROL ESCROW FUND	$36,123.53	$2,000.00	$0.00	$38,123.53
815 LANDSCAPE ESCROW FUND	$36,000.00	$2,000.00	$0.00	$38,000.00
817 INFRASTRUCTURE ESCROW FUND	$25,000.00	$1,000.00	$0.00	$26,000.00
818 MISC ESCROWS FUND	$23,502.39	$25,876.41	$11,337.25	$38,041.55
820 BRIDGES TOWNHOMES ESC FUND	$3,742.80	$0.00	$0.00	$3,742.80
823 CROW RVR HTS WEST 3RD / BACKES	$3,025.58	$0.00	$2,612.00	$413.58
825 CROW RVR HTS FUT WEST PLAT/PUD	$7,069.56	$0.00	$7,069.56	$0.00
826 CROW RVR HTS 4TH ADD FINL PLAT	$0.00	$0.00	$0.00	$0.00
827 HANOVER COVE PRELIMINARY PLAT	$0.00	$0.00	$0.00	$0.00
828 CROW RVR HTS 4TH DEVEL AGRMT	$88,023.38	$0.00	$26,077.50	$61,945.88
900 INTEREST	$20,043.98	$0.00	$0.00	$20,043.98
	$7,502,810.36	$959,710.96	$239,149.91	$8,223,371.41

CITY OF HANOVER
Revenue Budget Report - General Fund

Source Alt Code	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
Fund 100 GENERAL FUND						
TAXES	R 100-31000 Property Taxes - General	$452,250.29	$1,005,678.95	$1,019,659.00	$13,980.05	98.63%
TAXES	R 100-31020 Property Taxes - Fire	$50,789.00	$101,578.00	$101,578.00	$0.00	100.00%
TAXES	R 100-31800 Franchise Fees	$0.00	$10,938.00	$15,000.00	$4,062.00	72.92%
Source Alt Code TAXES		$503,039.29	$1,118,194.95	$1,136,237.00	$18,042.05	98.41%
SERVICE	R 100-34000 Charges for Services	$0.00	$5,335.31	$0.00	-$5,335.31	0.00%
SERVICE	R 100-34101 City Hall Rent Revenue	$475.00	$14,600.00	$10,000.00	-$4,600.00	146.00%
SERVICE	R 100-34107 Assessment Search Fees	$50.00	$825.00	$600.00	-$225.00	137.50%
SERVICE	R 100-34108 Administrative Fees	$1,900.00	$7,200.00	$3,000.00	-$4,200.00	240.00%
SERVICE	R 100-34109 Copies/Faxes	$0.00	$3.00	$50.00	$47.00	6.00%
SERVICE	R 100-34206 Other Public Safety Charges	$0.00	$620.00	$0.00	-$620.00	0.00%
SERVICE	R 100-34207 Fire Protection Services	$21,998.76	$110,755.55	$110,755.00	-$0.55	100.00%
SERVICE	R 100-34403 Recycling Rev/Reimb	$0.00	$4,878.80	$6,000.00	$1,121.20	81.31%
SERVICE	R 100-34780 Park Rental Fees	$125.00	$1,904.40	$2,500.00	$595.60	76.18%
SERVICE	R 100-34940 Cemetery Revenues	$1,000.00	$13,150.00	$2,000.00	-$11,150.00	657.50%
Source Alt Code SERVICE		$25,548.76	$159,272.06	$134,905.00	-$24,367.06	118.06%
MISC	R 100-36100 Special Assessments	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-36200 Miscellaneous Revenues	$0.00	$1,510.92	$100.00	-$1,410.92	1510.92%
MISC	R 100-36210 Interest Earnings	$0.00	$7,239.75	$0.00	-$7,239.75	0.00%
MISC	R 100-36215 Investment Income/Loss	$0.00	$7,159.81	$0.00	-$7,159.81	0.00%
MISC	R 100-36230 Contributions and Donations	$0.00	$1,360.00	$400.00	-$960.00	340.00%
MISC	R 100-36235 Insurance Dividends	$1,322.00	$1,322.00	$4,000.00	$2,678.00	33.05%
MISC	R 100-36250 Damage Deposits	$500.00	$13,250.00	$0.00	-$13,250.00	0.00%
MISC	R 100-36260 Refunds or Reimbursements	$21.80	$41.36	$0.00	-$41.36	0.00%
MISC	R 100-36290 Sale of Vehicles/Equipment	$0.00	$391.85	$0.00	-$391.85	0.00%
MISC	R 100-39101 Sales of General Fixed Asset	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-39203 Transfer from Other Fund	$0.00	$0.00	$0.00	$0.00	0.00%
Source Alt Code MISC		$1,843.80	$32,275.69	$4,500.00	-$27,775.69	717.24%
LIC PERM	R 100-32110 Alchoholic Beverages	$50.00	$5,870.00	$10,370.00	$4,500.00	56.61%
LIC PERM	R 100-32180 Other Bus. Licenses/Permits	$0.00	$1,340.00	$1,000.00	-$340.00	134.00%
LIC PERM	R 100-32210 Building Permits	$4,530.29	$105,146.10	$100,000.00	-$5,146.10	105.15%
LIC PERM	R 100-32240 Animal Licenses	$0.00	$0.00	$0.00	$0.00	0.00%
LIC PERM	R 100-32260 Solid Waste Hauler Licenses	$0.00	$1,500.00	$1,500.00	$0.00	100.00%
LIC PERM	R 100-32270 Rental Dwelling Licenses	$0.00	$0.00	$0.00	$0.00	0.00%
LIC PERM	R 100-32280 Other Non-Business Lic/Per	$26.00	$51.00	$50.00	-$1.00	102.00%
Source Alt Code LIC PERM		$4,606.29	$113,907.10	$112,920.00	-$987.10	100.87%
INTGOVT	R 100-33400 State Grants and Aids	$0.00	$4,925.00	$0.00	-$4,925.00	0.00%
INTGOVT	R 100-33401 Local Government Aid	$0.00	$59,125.00	$118,253.00	$59,128.00	50.00%
INTGOVT	R 100-33410 MV Credit	$0.00	$629.38	$0.00	-$629.38	0.00%
INTGOVT	R 100-33420 PERA Aid	$0.00	$169.50	$339.00	$169.50	50.00%
INTGOVT	R 100-33422 State Fire Aid	$0.00	$41,187.23	$39,000.00	-$2,187.23	105.61%
INTGOVT	R 100-33426 State Police Aid	$0.00	$6,282.92	$5,500.00	-$782.92	114.23%
INTGOVT	R 100-33610 County Grants/Aid for Roads	$0.00	$0.00	$0.00	$0.00	0.00%
Source Alt Code INTGOVT		$0.00	$112,319.03	$163,092.00	$50,772.97	68.87%
FINES	R 100-35100 Court Fines	$238.58	$3,668.25	$3,000.00	-$668.25	122.28%
Source Alt Code FINES		$238.58	$3,668.25	$3,000.00	-$668.25	122.28%
Fund 100 GENERAL FUND		$535,276.72	$1,539,637.08	$1,554,654.00	$15,016.92	99.03%

CITY OF HANOVER
Revenue Budget Report - General Fund

Source Alt Code	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
		$535,276.72	$1,539,637.08	$1,554,654.00	$15,016.92	99.03%

CITY OF HANOVER
Expenditure Budget Report - General Fund

Dept Abbrev	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
Fund 100 GENERAL FUND						
Dept 41110 Council						
COUNCIL	E 100-41110-111 Committee Wages/Mee	$5,335.00	$12,379.12	$13,000.00	$620.88	95.22%
COUNCIL	E 100-41110-122 FICA	$330.77	$765.70	$806.00	$40.30	95.00%
COUNCIL	E 100-41110-123 Medicare	$77.36	$179.08	$189.00	$9.92	94.75%
COUNCIL	E 100-41110-208 Training and Instructio	$0.00	$1,300.00	$1,000.00	-$300.00	130.00%
COUNCIL	E 100-41110-306 Dues & Subscriptions	$200.00	$7,207.91	$7,500.00	$292.09	96.11%
COUNCIL	E 100-41110-331 Travel Expenses	$0.00	$1,488.56	$1,000.00	-$488.56	148.86%
COUNCIL	E 100-41110-437 Other Miscellaneous	$0.00	$622.43	$20,000.00	$19,377.57	3.11%
Dept 41110 Council		$5,943.13	$23,942.80	$43,495.00	$19,552.20	55.05%
Dept 41330 Boards and Commissions						
BRDCOMM	E 100-41330-111 Committee Wages/Mee	$4,170.00	$4,170.00	$5,000.00	$830.00	83.40%
BRDCOMM	E 100-41330-208 Training and Instructio	$0.00	$150.00	$0.00	-$150.00	0.00%
BRDCOMM	E 100-41330-331 Travel Expenses	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 41330 Boards and Commissions		$4,170.00	$4,320.00	$5,000.00	$680.00	86.40%
Dept 41400 City Administrator						
CITYADM	E 100-41400-101 Full-Time Employees R	$5,763.20	$72,943.36	$75,642.00	$2,698.64	96.43%
CITYADM	E 100-41400-121 PERA	$432.24	$5,614.33	$5,673.00	$58.67	98.97%
CITYADM	E 100-41400-122 FICA	$356.76	$4,634.48	$4,690.00	$55.52	98.82%
CITYADM	E 100-41400-123 Medicare	$83.44	$1,083.91	$1,097.00	$13.09	98.81%
CITYADM	E 100-41400-134 Employer Paid Life	$59.30	$647.40	$385.00	-$262.40	168.16%
CITYADM	E 100-41400-151 Med/Dental Insurance	$700.00	$8,400.00	$8,400.00	$0.00	100.00%
CITYADM	E 100-41400-208 Training and Instructio	$87.99	$1,282.99	$1,500.00	$217.01	85.53%
CITYADM	E 100-41400-306 Dues & Subscriptions	$167.22	$302.22	$250.00	-$52.22	120.89%
Dept 41400 City Administrator		$7,650.15	$94,908.69	$97,637.00	$2,728.31	97.21%
Dept 41410 Elections						
ELECTION	E 100-41410-101 Full-Time Employees R	$0.00	$0.00	$0.00	$0.00	0.00%
ELECTION	E 100-41410-122 FICA	$0.00	$0.00	$0.00	$0.00	0.00%
ELECTION	E 100-41410-123 Medicare	$0.00	$0.00	$0.00	$0.00	0.00%
ELECTION	E 100-41410-200 Office Supplies (GENER	$85.34	-$1,566.06	$100.00	$1,666.06	566.06%
ELECTION	E 100-41410-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
ELECTION	E 100-41410-351 Legal Notices Publishin	$0.00	$0.00	$0.00	$0.00	0.00%
ELECTION	E 100-41410-400 Repairs & Maint Cont (	$0.00	$1,601.60	$2,000.00	$398.40	80.08%
Dept 41410 Elections		$85.34	$35.54	$2,100.00	$2,064.46	1.69%
Dept 41430 Clerical Staff						
CLERICAL	E 100-41430-101 Full-Time Employees R	$3,697.61	$46,379.40	$48,004.00	$1,624.60	96.62%
CLERICAL	E 100-41430-121 PERA	$277.32	$3,569.57	$3,600.00	$30.43	99.15%
CLERICAL	E 100-41430-122 FICA	$228.69	$2,944.15	$2,976.00	$31.85	98.93%
CLERICAL	E 100-41430-123 Medicare	$53.48	$688.50	$696.00	$7.50	98.92%
CLERICAL	E 100-41430-134 Employer Paid Life	$39.98	$439.20	$1,540.00	$1,100.80	28.52%
CLERICAL	E 100-41430-142 Unemployment Benefit	$0.00	$0.00	$0.00	$0.00	0.00%
CLERICAL	E 100-41430-151 Med/Dental Insurance	$700.00	$8,400.00	$8,400.00	$0.00	100.00%
CLERICAL	E 100-41430-208 Training and Instructio	$0.00	$180.00	$500.00	$320.00	36.00%
CLERICAL	E 100-41430-306 Dues & Subscriptions	$0.00	$45.00	$100.00	$55.00	45.00%
Dept 41430 Clerical Staff		$4,997.08	$62,645.82	$65,816.00	$3,170.18	95.18%
Dept 41435 Staff Expenses						
STAFFEXP	E 100-41435-260 Uniforms	$0.00	$245.57	$300.00	$54.43	81.86%
STAFFEXP	E 100-41435-310 Other Professional Serv	$0.00	$150.00	$500.00	$350.00	30.00%
STAFFEXP	E 100-41435-331 Travel Expenses	$564.86	$2,026.08	$2,000.00	-$26.08	101.30%
Dept 41435 Staff Expenses		$564.86	$2,421.65	$2,800.00	$378.35	86.49%

CITY OF HANOVER
Expenditure Budget Report - General Fund

Dept Abbrev	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
Dept 41530 Accounting						
ACCTING	E 100-41530-101 Full-Time Employees R	$4,243.20	$53,703.20	$55,692.00	$1,988.80	96.43%
ACCTING	E 100-41530-121 PERA	$318.24	$4,133.45	$4,177.00	$43.55	98.96%
ACCTING	E 100-41530-122 FICA	$263.08	$3,417.00	$3,453.00	$36.00	98.96%
ACCTING	E 100-41530-123 Medicare	$61.52	$799.06	$808.00	$8.94	98.89%
ACCTING	E 100-41530-134 Employer Paid Life	$46.20	$507.36	$1,060.00	$552.64	47.86%
ACCTING	E 100-41530-151 Med/Dental Insurance	$670.32	$8,043.92	$8,398.00	$354.08	95.78%
ACCTING	E 100-41530-208 Training and Instructio	$0.00	$285.00	$1,000.00	$715.00	28.50%
ACCTING	E 100-41530-306 Dues & Subscriptions	$0.00	$50.04	$250.00	$199.96	20.02%
ACCTING	E 100-41530-310 Other Professional Serv	$0.00	$3,137.90	$2,500.00	-$637.90	125.52%
Dept 41530 Accounting		$5,602.56	$74,076.93	$77,338.00	$3,261.07	95.78%
Dept 41540 Auditing						
AUDITING	E 100-41540-301 Auditing and Acctg Ser	$0.00	$22,150.00	$22,000.00	-$150.00	100.68%
Dept 41540 Auditing		$0.00	$22,150.00	$22,000.00	-$150.00	100.68%
Dept 41550 Assessing						
ASSESS G	E 100-41550-310 Other Professional Serv	$54.50	$21,091.10	$21,000.00	-$91.10	100.43%
Dept 41550 Assessing		$54.50	$21,091.10	$21,000.00	-$91.10	100.43%
Dept 41570 Purchasing						
PURCHASE	E 100-41570-200 Office Supplies (GENER	$584.52	$1,763.97	$3,500.00	$1,736.03	50.40%
PURCHASE	E 100-41570-205 Bank Fees	$0.00	$95.00	$200.00	$105.00	47.50%
PURCHASE	E 100-41570-207 Computer Supplies	$96.99	$6,560.40	$6,000.00	-$560.40	109.34%
PURCHASE	E 100-41570-220 Repair/Maint Supply (G	$176.05	$4,445.43	$4,000.00	-$445.43	111.14%
PURCHASE	E 100-41570-322 Postage	$1,333.41	$2,556.84	$2,500.00	-$56.84	102.27%
PURCHASE	E 100-41570-570 Office Equip and Furnis	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
Dept 41570 Purchasing		$2,190.97	$15,421.64	$19,200.00	$3,778.36	80.32%
Dept 41600 Computer						
COMPUTER	E 100-41600-310 Other Professional Serv	$2,064.70	$6,707.07	$5,000.00	-$1,707.07	134.14%
Dept 41600 Computer		$2,064.70	$6,707.07	$5,000.00	-$1,707.07	134.14%
Dept 41610 City Attorney						
CITYATNY	E 100-41610-304 Legal Fees	$3,365.67	$13,219.66	$23,500.00	$10,280.34	56.25%
Dept 41610 City Attorney		$3,365.67	$13,219.66	$23,500.00	$10,280.34	56.25%
Dept 41910 Planning and Zoning						
PLANZONG	E 100-41910-310 Other Professional Serv	$3,012.75	$27,938.75	$25,000.00	-$2,938.75	111.76%
Dept 41910 Planning and Zoning		$3,012.75	$27,938.75	$25,000.00	-$2,938.75	111.76%
Dept 41940 General Govt Buildings/Plant						
GOVTBLDG	E 100-41940-210 Operating Supplies (GE	$1,871.42	$1,871.42	$2,000.00	$128.58	93.57%
GOVTBLDG	E 100-41940-220 Repair/Maint Supply (G	-$1,524.50	$6,252.44	$7,000.00	$747.56	89.32%
GOVTBLDG	E 100-41940-306 Dues & Subscriptions	$0.00	$525.00	$525.00	$0.00	100.00%
GOVTBLDG	E 100-41940-310 Other Professional Serv	$1,099.15	$5,837.32	$7,500.00	$1,662.68	77.83%
GOVTBLDG	E 100-41940-321 Telephone	$540.62	$4,431.27	$6,400.00	$1,968.73	69.24%
GOVTBLDG	E 100-41940-325 Taxes	$0.00	$25.06	$500.00	$474.94	5.01%
GOVTBLDG	E 100-41940-381 Electric Utilities	$1,472.12	$10,254.31	$9,600.00	-$654.31	106.82%
GOVTBLDG	E 100-41940-383 Gas Utilities	$331.82	$3,082.17	$5,000.00	$1,917.83	61.64%
GOVTBLDG	E 100-41940-384 Refuse/Garbage Dispos	$277.21	$3,107.04	$3,500.00	$392.96	88.77%
GOVTBLDG	E 100-41940-415 Other Equipment Renta	$0.00	$0.00	$0.00	$0.00	0.00%
GOVTBLDG	E 100-41940-520 Buildings and Structure	$0.00	$1,794.00	$4,000.00	$2,206.00	44.85%
GOVTBLDG	E 100-41940-560 Furniture and Fixtures	$0.00	$4,742.54	$2,000.00	-$2,742.54	237.13%
GOVTBLDG	E 100-41940-580 Other Equipment	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 41940 General Govt Buildings/Plant		$4,067.84	$41,922.57	$48,025.00	$6,102.43	87.29%

CITY OF HANOVER
Expenditure Budget Report - General Fund

Dept Abbrev	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
Dept 41950 Engineer						
ENGINEER	E 100-41950-303 Engineering Fees	$2,614.25	$24,311.50	$20,000.00	-$4,311.50	121.56%
Dept 41950 Engineer		$2,614.25	$24,311.50	$20,000.00	-$4,311.50	121.56%
Dept 41960 Insurance						
INSURANCE	E 100-41960-150 Worker s Comp (GENE	$0.00	$13,129.83	$18,000.00	$4,870.17	72.94%
INSURANCE	E 100-41960-152 Worker s Comp Benefit	$0.00	$0.00	$0.00	$0.00	0.00%
INSURANCE	E 100-41960-361 General Liability Ins	$0.00	$23,659.82	$25,000.00	$1,340.18	94.64%
Dept 41960 Insurance		$0.00	$36,789.65	$43,000.00	$6,210.35	85.56%
Dept 41970 Legal Publications						
LEGALPUB	E 100-41970-341 Employment	$0.00	$145.59	$300.00	$154.41	48.53%
LEGALPUB	E 100-41970-343 Other Advertising	$0.00	$119.00	$100.00	-$19.00	119.00%
LEGALPUB	E 100-41970-351 Legal Notices Publishin	$27.68	$227.20	$1,000.00	$772.80	22.72%
LEGALPUB	E 100-41970-354 Recording Fees	$0.00	$52.65	$250.00	$197.35	21.06%
Dept 41970 Legal Publications		$27.68	$544.44	$1,650.00	$1,105.56	33.00%
Dept 42000 Public Safety (GENERAL)						
PUBSAFTY	E 100-42000-437 Other Miscellaneous	$0.00	$20.00	$0.00	-$20.00	0.00%
Dept 42000 Public Safety (GENERAL)		$0.00	$20.00	$0.00	-$20.00	0.00%
Dept 42101 Hennepin County Sheriff						
HCSHERIFF	E 100-42101-310 Other Professional Serv	$20,679.00	$82,716.00	$82,716.00	$0.00	100.00%
Dept 42101 Hennepin County Sheriff		$20,679.00	$82,716.00	$82,716.00	$0.00	100.00%
Dept 42102 Wright County Sheriff						
WCSHERIFF	E 100-42102-310 Other Professional Serv	$9,064.17	$110,523.08	$108,770.00	-$1,753.08	101.61%
Dept 42102 Wright County Sheriff		$9,064.17	$110,523.08	$108,770.00	-$1,753.08	101.61%
Dept 42210 Fire Dept Administration						
FIREADMIN	E 100-42210-103 Part-Time Employees	$0.00	$23,100.54	$61,000.00	$37,899.46	37.87%
FIREADMIN	E 100-42210-122 FICA	$0.00	$3,634.73	$3,782.00	$147.27	96.11%
FIREADMIN	E 100-42210-123 Medicare	$0.00	$850.10	$885.00	$34.90	96.06%
FIREADMIN	E 100-42210-142 Unemployment Benefit	$0.00	$0.00	$300.00	$300.00	0.00%
FIREADMIN	E 100-42210-150 Worker s Comp (GENE	$0.00	$8,543.37	$9,000.00	$456.63	94.93%
FIREADMIN	E 100-42210-200 Office Supplies (GENER	$249.11	$1,094.70	$350.00	-$744.70	312.77%
FIREADMIN	E 100-42210-305 Medical and Dental Fee	$0.00	$0.00	$4,000.00	$4,000.00	0.00%
FIREADMIN	E 100-42210-306 Dues & Subscriptions	$0.00	$1,010.00	$1,500.00	$490.00	67.33%
FIREADMIN	E 100-42210-361 General Liability Ins	$0.00	$3,548.16	$5,000.00	$1,451.84	70.96%
Dept 42210 Fire Dept Administration		$249.11	$41,781.60	$85,817.00	$44,035.40	48.69%
Dept 42220 Fire Dept Equipment						
FIREEQUIP	E 100-42220-221 Equipment Parts	$0.00	$1,649.85	$15,500.00	$13,850.15	10.64%
FIREEQUIP	E 100-42220-228 Medical Supplies	$0.00	$1,331.00	$1,500.00	$169.00	88.73%
FIREEQUIP	E 100-42220-240 Small Tools and Minor	$0.00	$112.70	$1,000.00	$887.30	11.27%
FIREEQUIP	E 100-42220-260 Uniforms	$2,706.63	$7,045.11	$28,500.00	$21,454.89	24.72%
FIREEQUIP	E 100-42220-580 Other Equipment	$0.00	$3,798.89	$5,000.00	$1,201.11	75.98%
Dept 42220 Fire Dept Equipment		$2,706.63	$13,937.55	$51,500.00	$37,562.45	27.06%
Dept 42240 Fire Dept Training						
FIRETRNG	E 100-42240-208 Training and Instructio	$50.00	$7,006.72	$12,500.00	$5,493.28	56.05%
FIRETRNG	E 100-42240-310 Other Professional Serv	$804.28	$3,217.12	$3,210.00	-$7.12	100.22%
FIRETRNG	E 100-42240-331 Travel Expenses	$0.00	$1,580.09	$1,500.00	-$80.09	105.34%
Dept 42240 Fire Dept Training		$854.28	$11,803.93	$17,210.00	$5,406.07	68.59%
Dept 42260 Fire Vehicles						
FIREVEH	E 100-42260-212 Motor Fuels	$0.00	$1,958.43	$4,500.00	$2,541.57	43.52%
FIREVEH	E 100-42260-220 Repair/Maint Supply (G	$1,073.75	$1,813.88	$9,000.00	$7,186.12	20.15%

Dept Abbrev	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
FIREVEH	E 100-42260-240 Small Tools and Minor	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
FIREVEH	E 100-42260-323 Radio Units	$720.92	$6,516.22	$7,805.00	$1,288.78	83.49%
Dept 42260 Fire Vehicles		$1,794.67	$10,288.53	$22,305.00	$12,016.47	46.13%
Dept 42280 Fire Stations and Bldgs						
FIREBLDG	E 100-42280-215 Shop Supplies	$55.00	$507.96	$1,650.00	$1,142.04	30.79%
FIREBLDG	E 100-42280-220 Repair/Maint Supply (G	$782.78	$2,722.98	$7,500.00	$4,777.02	36.31%
FIREBLDG	E 100-42280-321 Telephone	$91.43	$1,025.23	$1,000.00	-$25.23	102.52%
FIREBLDG	E 100-42280-325 Taxes	$0.00	$0.00	$0.00	$0.00	0.00%
FIREBLDG	E 100-42280-381 Electric Utilities	$469.85	$3,387.42	$4,500.00	$1,112.58	75.28%
FIREBLDG	E 100-42280-383 Gas Utilities	$257.44	$2,433.95	$3,000.00	$566.05	81.13%
FIREBLDG	E 100-42280-520 Buildings and Structure	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 42280 Fire Stations and Bldgs		$1,656.50	$10,077.54	$17,650.00	$7,572.46	57.10%
Dept 42290 Fire Relief Association						
FIRERELIEF	E 100-42290-124 Fire Pension Contributi	$0.00	$41,187.23	$39,000.00	-$2,187.23	105.61%
FIRERELIEF	E 100-42290-125 Other Retirement Contr	$5,801.00	$11,602.00	$11,602.00	$0.00	100.00%
FIRERELIEF	E 100-42290-301 Auditing and Acctg Ser	$0.00	$6,250.00	$6,250.00	$0.00	100.00%
Dept 42290 Fire Relief Association		$5,801.00	$59,039.23	$56,852.00	-$2,187.23	103.85%
Dept 42401 Building Inspection Admin						
INSPADMN	E 100-42401-310 Other Professional Serv	$5,091.10	$36,995.56	$50,000.00	$13,004.44	73.99%
Dept 42401 Building Inspection Admin		$5,091.10	$36,995.56	$50,000.00	$13,004.44	73.99%
Dept 42700 Animal Control						
ANIMCTRL	E 100-42700-310 Other Professional Serv	$0.00	$457.00	$1,000.00	$543.00	45.70%
Dept 42700 Animal Control		$0.00	$457.00	$1,000.00	$543.00	45.70%
Dept 42800 Cemetery						
CEMETERY	E 100-42800-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 42800 Cemetery		$0.00	$0.00	$0.00	$0.00	0.00%
Dept 43000 Public Works (GENERAL)						
PUBWRKS	E 100-43000-101 Full-Time Employees R	$12,659.55	$152,417.41	$138,997.00	-$13,420.41	109.66%
PUBWRKS	E 100-43000-102 Full-Time Employees O	$0.00	$1,063.56	$2,000.00	$936.44	53.18%
PUBWRKS	E 100-43000-103 Part-Time Employees	$505.00	$12,658.58	$14,580.00	$1,921.42	86.82%
PUBWRKS	E 100-43000-121 PERA	$949.46	$11,857.31	$12,300.00	$442.69	96.40%
PUBWRKS	E 100-43000-122 FICA	$786.10	$10,235.94	$11,072.00	$836.06	92.45%
PUBWRKS	E 100-43000-123 Medicare	$183.85	$2,393.87	$2,589.00	$195.13	92.46%
PUBWRKS	E 100-43000-134 Employer Paid Life	$135.84	$1,461.88	$2,535.00	$1,073.12	57.67%
PUBWRKS	E 100-43000-142 Unemployment Benefit	$0.00	$0.00	$0.00	$0.00	0.00%
PUBWRKS	E 100-43000-151 Med/Dental Insurance	$2,700.00	$31,775.91	$32,400.00	$624.09	98.07%
PUBWRKS	E 100-43000-208 Training and Instructio	$0.00	$2,115.11	$2,500.00	$384.89	84.60%
PUBWRKS	E 100-43000-212 Motor Fuels	$1,494.47	$10,930.94	$7,000.00	-$3,930.94	156.16%
PUBWRKS	E 100-43000-215 Shop Supplies	$1,088.02	$4,074.32	$7,500.00	$3,425.68	54.32%
PUBWRKS	E 100-43000-220 Repair/Maint Supply (G	$2,920.88	$10,933.26	$12,000.00	$1,066.74	91.11%
PUBWRKS	E 100-43000-226 Sign Repair Materials	$0.00	$644.55	$1,500.00	$855.45	42.97%
PUBWRKS	E 100-43000-240 Small Tools and Minor	$47.62	$3,653.98	$5,000.00	$1,346.02	73.08%
PUBWRKS	E 100-43000-260 Uniforms	$561.70	$2,864.58	$3,000.00	$135.42	95.49%
PUBWRKS	E 100-43000-310 Other Professional Serv	$1,300.00	$6,115.00	$10,000.00	$3,885.00	61.15%
PUBWRKS	E 100-43000-321 Telephone	$1,458.44	$6,808.80	$4,200.00	-$2,608.80	162.11%
PUBWRKS	E 100-43000-325 Taxes	$0.00	$19.50	$200.00	$180.50	9.75%
PUBWRKS	E 100-43000-381 Electric Utilities	$810.88	$4,282.83	$6,000.00	$1,717.17	71.38%
PUBWRKS	E 100-43000-383 Gas Utilities	$492.48	$4,469.01	$5,000.00	$530.99	89.38%
PUBWRKS	E 100-43000-520 Buildings and Structure	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 43000 Public Works (GENERAL)		$28,094.29	$280,776.34	$280,373.00	-$403.34	100.14%

Dept Abbrev	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
Dept 43121 Paved Streets						
PAVSTRTS	E 100-43121-224 Street Maint Materials	$0.00	$35,731.97	$100,000.00	$64,268.03	35.73%
Dept 43121 Paved Streets		$0.00	$35,731.97	$100,000.00	$64,268.03	35.73%
Dept 43122 Unpaved Streets						
UNPAVSTS	E 100-43122-224 Street Maint Materials	$650.00	$7,138.00	$15,000.00	$7,862.00	47.59%
Dept 43122 Unpaved Streets		$650.00	$7,138.00	$15,000.00	$7,862.00	47.59%
Dept 43125 Ice & Snow Removal						
SNOWREMO	E 100-43125-224 Street Maint Materials	$5,269.81	$15,805.79	$20,000.00	$4,194.21	79.03%
Dept 43125 Ice & Snow Removal		$5,269.81	$15,805.79	$20,000.00	$4,194.21	79.03%
Dept 43160 Street Lighting						
STLGHTG	E 100-43160-381 Electric Utilities	$3,942.22	$22,704.55	$25,000.00	$2,295.45	90.82%
Dept 43160 Street Lighting		$3,942.22	$22,704.55	$25,000.00	$2,295.45	90.82%
Dept 43240 Waste (refuse) Disposal						
REFDISPO	E 100-43240-384 Refuse/Garbage Dispos	$0.00	$2,674.82	$1,000.00	-$1,674.82	267.48%
Dept 43240 Waste (refuse) Disposal		$0.00	$2,674.82	$1,000.00	-$1,674.82	267.48%
Dept 43245 Recycling: Refuse						
RECYCLING	E 100-43245-384 Refuse/Garbage Dispos	$6,985.60	$41,641.60	$40,000.00	-$1,641.60	104.10%
Dept 43245 Recycling: Refuse		$6,985.60	$41,641.60	$40,000.00	-$1,641.60	104.10%
Dept 45186 Senior Center						
SRCENTER	E 100-45186-437 Other Miscellaneous	$0.00	$6,523.53	$8,700.00	$2,176.47	74.98%
Dept 45186 Senior Center		$0.00	$6,523.53	$8,700.00	$2,176.47	74.98%
Dept 45200 Parks (GENERAL)						
PARKS	E 100-45200-212 Motor Fuels	$0.00	$1,998.13	$2,000.00	$1.87	99.91%
PARKS	E 100-45200-220 Repair/Maint Supply (G	$7.98	$7,351.30	$5,000.00	-$2,351.30	147.03%
PARKS	E 100-45200-225 Landscaping Materials	$0.00	$3,392.07	$8,000.00	$4,607.93	42.40%
PARKS	E 100-45200-310 Other Professional Serv	$0.00	$7,000.00	$7,000.00	$0.00	100.00%
PARKS	E 100-45200-381 Electric Utilities	$320.38	$1,720.24	$2,200.00	$479.76	78.19%
PARKS	E 100-45200-400 Repairs & Maint Cont (	$0.00	$0.00	$1,500.00	$1,500.00	0.00%
PARKS	E 100-45200-440 Programs	$0.00	$999.51	$3,000.00	$2,000.49	33.32%
PARKS	E 100-45200-580 Other Equipment	$21.24	$5,903.45	$8,000.00	$2,096.55	73.79%
Dept 45200 Parks (GENERAL)		$349.60	$28,364.70	$36,700.00	$8,335.30	77.29%
Dept 45500 Libraries (GENERAL)						
LIBRARY	E 100-45500-437 Other Miscellaneous	$0.00	$10,299.46	$11,500.00	$1,200.54	89.56%
Dept 45500 Libraries (GENERAL)		$0.00	$10,299.46	$11,500.00	$1,200.54	89.56%
Dept 48205 Damage Deposit Refunds						
DMGDEPRF	E 100-48205-810 Refunds & Reimbursem	$2,350.00	$12,600.00	$0.00	-$12,600.00	0.00%
Dept 48205 Damage Deposit Refunds		$2,350.00	$12,600.00	$0.00	-$12,600.00	0.00%
Dept 49360 Transfers Out						
TRNSFERS	E 100-49360-700 Transfers (GENERAL)	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 49360 Transfers Out		$0.00	$0.00	$0.00	$0.00	0.00%
Dept 49800 Transit (GENERAL)						
TRANSIT	E 100-49800-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 49800 Transit (GENERAL)		$0.00	$0.00	$0.00	$0.00	0.00%
Fund 100 GENERAL FUND		$141,949.46	$1,314,348.59	$1,554,654.00	$240,305.41	84.54%

CITY OF HANOVER
Expenditure Budget Report - General Fund

Dept Abbrev	Account Descr	December 2019 Amt	2019 YTD Amt	2019 YTD Budget	2019 YTD Balance	%YTD Budget
		$141,949.46	$1,314,348.59	$1,554,654.00	$240,305.41	84.54%

CITY OF HANOVER

Payments

Current Period: January 2020

Payment Batch 01-07-20 PAY $133,736.14

Refer	2863 *COMCAST*		Ck# 034743 1/7/2020			
Cash Payment	E 100-41940-321 Telephone		CH: Digital Voice & Internet - January 2020			$149.80
Invoice	12/25/2019					
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$149.80
Refer	2845 *COMCAST*		Ck# 034743 1/7/2020			
Cash Payment	E 100-43000-321 Telephone		PW: Digital Voice & Internet - January 2020			$158.56
Invoice	12/18/2019					
Transaction Date	12/30/2019	Due 0	Cash	10100	**Total**	$158.56
Refer	2858 *DVS RENEWAL*		Ck# 034744 1/7/2020			
Cash Payment	E 100-43000-325 Taxes		1997 Jerry Trailer Tabs - 2020 and 2021			$19.25
Invoice						
Cash Payment	E 100-43000-325 Taxes		2012 Ford Tabs - 2020 and 2021			$19.25
Invoice						
Cash Payment	E 100-43000-325 Taxes		2003 Chevy Tabs - 2020 and 2021			$19.25
Invoice						
Cash Payment	E 100-43000-325 Taxes		2008 Freightliner Tabs - 2020 and 2021			$19.25
Invoice						
Cash Payment	E 100-43000-325 Taxes		2013 DooLittle Dump Trailer Tabs - 2020 and 2021			$19.25
Invoice						
Cash Payment	E 100-43000-325 Taxes		2019 Felling Trailer Tabs - 2020 and 2021			$19.25
Invoice						
Cash Payment	E 100-43000-325 Taxes		2000 Freightliner Bucket Truck Tabs - 2020 and 2021			$19.25
Invoice						
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$134.75
Refer	2860 *FURTHER*		Ck# 034745 1/7/2020			
Cash Payment	E 100-41435-310 Other Professional Servi		Annual Fee - 12/01/19 - 11/30/20			$150.00
Invoice	12/6/2019					
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$150.00
Refer	2859 *LEAGUE OF MINNESOTA CITIES*		Ck# 034746 1/7/2020			
Cash Payment	E 100-41400-208 Training and Instruction		B. Hagen: 2020 MCMA Winter Professional Development Workshop			$125.00
Invoice 313290	12/30/2019					
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$125.00
Refer	2862 *MARCO TECHNOLOGIES, LLC*		Ck# 034747 1/7/2020			
Cash Payment	E 100-41570-220 Repair/Maint Supply (GE		Contract Base Rate Charge for 12/20/19 - 01/19/20			$176.05
Invoice INV7115976	12/17/2019					
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$176.05
Refer	2861 *NORTHLAND TRUST*		Ck# 034748 1/7/2020			
Cash Payment	E 311-47000-601 Debt Srv Bond Principal		$660,000 Capital Improvement Plan Refunding Bonds, Series 2008A - Principal Payment			$35,000.00
Invoice HAN08A-0220	12/11/2019					
Cash Payment	E 311-47000-611 Bond Interest		$660,000 Capital Improvement Plan Refunding Bonds, Series 2008A - Interest Payment			$2,145.00
Invoice HAN08A-0220	12/11/2019					

CITY OF HANOVER

Payments

Current Period: January 2020

Cash Payment	E 315-47000-601 Debt Srv Bond Principal		$1,535,000 General Obligation Capital Improvement Plan Bonds, Series 2016A - Principal Payment			$65,000.00
Invoice HAN16A-0220	12/11/2019					
Cash Payment	E 315-47000-611 Bond Interest		$1,535,000 General Obligation Capital Improvement Plan Bonds, Series 2016A - Interest Payment			$19,707.50
Invoice HAN16A-0220	12/11/2019					
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$121,852.50
Refer	2844 *RANDYS ENVIRONMENTAL SERVI*		Ck# 002840E 1/7/2020			
Cash Payment	E 100-41940-384 Refuse/Garbage Dispos		General Trash - City Hall - January 2020			$244.11
Invoice	12/19/2019					
Cash Payment	E 100-41940-384 Refuse/Garbage Dispos		General Trash - Fire Station - January 2020			$33.10
Invoice	12/19/2019					
Transaction Date	12/30/2019	Due 0	Cash	10100	**Total**	$277.21
Refer	2879 *SAFETY TRAIN, INC.*		Ck# 034749 1/7/2020			
Cash Payment	E 100-43000-208 Training and Instruction		2020 Safety Training			$1,500.00
Invoice						
Transaction Date	1/2/2020	Due 0	Cash	10100	**Total**	$1,500.00
Refer	2839 *THE HARTFORD*		Ck# 034750 1/7/2020			
Cash Payment	G 100-21707 Life Ins		STD & LTD - January 2019			$201.27
Invoice 729843831416						
Transaction Date	12/30/2019	Due 0	Cash	10100	**Total**	$201.27
Refer	2857 *VEOLIA WATER NORTH AMERICA*		Ck# 034751 1/7/2020			
Cash Payment	E 602-43252-310 Other Professional Servi		Sewer Services - January 2020			$5,262.00
Invoice 90223500	12/17/2019					
Cash Payment	E 601-43252-310 Other Professional Servi		Water Services - January 2020			$3,749.00
Invoice 90223500	12/17/2019					
Transaction Date	12/31/2019	Due 0	Cash	10100	**Total**	$9,011.00

Fund Summary

	10100 Cash
602 SEWER ENTERPRISE FUND	$5,262.00
601 WATER ENTERPRISE FUND	$3,749.00
315 2016A GO CIP BOND	$84,707.50
311 2008A GO CIP REFUNDING BOND	$37,145.00
100 GENERAL FUND	$2,872.64
	$133,736.14

Pre-Written Check	$133,736.14
Checks to be Generated by the Computer	$0.00
Total	$133,736.14

CITY OF HANOVER

*Check Summary Register©

January 2020

		Name	Check Date	Check Amt	
10100 Cash					
Paid Chk#	002840E	Randy's Environmental Services	1/7/2020	$277.21	General Trash - City Hall - Ja
Paid Chk#	034743	COMCAST	1/7/2020	$308.36	PW: Digital Voice & Internet -
Paid Chk#	034744	DVS RENEWAL	1/7/2020	$134.75	1997 Jerry Trailer Tabs - 2020
Paid Chk#	034745	FURTHER	1/7/2020	$150.00	Annual Fee - 12/01/19 - 11/30/
Paid Chk#	034746	LEAGUE OF MINNESOTA CITIES	1/7/2020	$125.00	B. Hagen: 2020 MCMA Winter Pro
Paid Chk#	034747	MARCO TECHNOLOGIES, LLC	1/7/2020	$176.05	Contract Base Rate Charge for
Paid Chk#	034748	NORTHLAND TRUST	1/7/2020	$121,852.50	$660,000 Capital Improvement P
Paid Chk#	034749	SAFETY TRAIN, INC.	1/7/2020	$1,500.00	2020 Safety Training
Paid Chk#	034750	THE HARTFORD	1/7/2020	$201.27	STD & LTD - January 2019
Paid Chk#	034751	VEOLIA WATER NORTH AMERIC	1/7/2020	$9,011.00	Sewer Services - January 2020
			Total Checks	$133,736.14	

FILTER: None

CITY OF HANOVER

Cash Balances

January 2020

Fund	Begin Month	GL Debits Month	GL Credits Month	Balance
100 GENERAL FUND	$894,383.82	$0.00	$2,872.64	$891,511.18
107 FIRE DEPT DONATIONS FUND	$25,955.79	$0.00	$0.00	$25,955.79
201 EDA SPECIAL REVENUE FUND	$139,838.55	$0.00	$0.00	$139,838.55
205 EDA BUSINESS INCENTIVE FUND	$67,595.99	$0.00	$0.00	$67,595.99
311 2008A GO CIP REFUNDING BOND	$84,462.44	$0.00	$37,145.00	$47,317.44
312 2009A GO IMP REFUNDING BOND	$15,331.93	$0.00	$0.00	$15,331.93
314 2011A GO IMP CROSSOVER REF BD	$469,126.98	$0.00	$0.00	$469,126.98
315 2016A GO CIP BOND	$101,717.45	$0.00	$84,707.50	$17,009.95
401 GENERAL CAPITAL PROJECTS	$720,577.63	$0.00	$0.00	$720,577.63
402 PARKS CAPITAL PROJECTS	$93,242.66	$0.00	$0.00	$93,242.66
403 FIRE DEPT CAPITAL FUND	$284,324.21	$0.00	$0.00	$284,324.21
404 HISTORICAL CAPITAL PROJ FUND	$0.00	$0.00	$0.00	$0.00
405 PARK DEDICATION FEE	$117,756.70	$0.00	$0.00	$117,756.70
406 GAMBLING PROCEEDS	$18,771.99	$0.00	$0.00	$18,771.99
407 TIF REDEV DIST #1	$8,691.51	$0.00	$0.00	$8,691.51
409 MAHLER PIT - 15TH ST IMP FUND	$95,428.14	$0.00	$0.00	$95,428.14
411 FACILITIES CAPITAL PROJ FUND	$0.00	$0.00	$0.00	$0.00
417 EQUIPMENT CAPITAL FUND	$96,786.03	$0.00	$0.00	$96,786.03
418 STREET CAPITAL PROJ FUND	$193,530.54	$0.00	$0.00	$193,530.54
601 WATER ENTERPRISE FUND	$969,299.53	$0.00	$3,749.00	$965,550.53
602 SEWER ENTERPRISE FUND	$346,175.28	$0.00	$5,262.00	$340,913.28
603 STORM WATER ENTERPRISE FUND	$164,462.67	$0.00	$0.00	$164,462.67
611 WATER CAPITAL IMP FUND	$217,300.06	$0.00	$0.00	$217,300.06
612 SEWER CAPITAL IMP FUND	$2,151,436.43	$0.00	$0.00	$2,151,436.43
613 STORM WATER CAPITAL IMP FUND	$684,882.02	$0.00	$0.00	$684,882.02
701 RIVER ROAD CEMETERY	$35,981.74	$0.00	$0.00	$35,981.74
811 EROSION CONTROL ESCROW FUND	$38,123.53	$0.00	$0.00	$38,123.53
815 LANDSCAPE ESCROW FUND	$38,000.00	$0.00	$0.00	$38,000.00
817 INFRASTRUCTURE ESCROW FUND	$26,000.00	$0.00	$0.00	$26,000.00
818 MISC ESCROWS FUND	$38,041.55	$0.00	$0.00	$38,041.55
820 BRIDGES TOWNHOMES ESC FUND	$3,742.80	$0.00	$0.00	$3,742.80
823 CROW RVR HTS WEST 3RD / BACKES	$413.58	$0.00	$0.00	$413.58
825 CROW RVR HTS FUT WEST PLAT/PUD	$0.00	$0.00	$0.00	$0.00
826 CROW RVR HTS 4TH ADD FINL PLAT	$0.00	$0.00	$0.00	$0.00
827 HANOVER COVE PRELIMINARY PLAT	$0.00	$0.00	$0.00	$0.00
828 CROW RVR HTS 4TH DEVEL AGRMT	$61,945.88	$0.00	$0.00	$61,945.88
900 INTEREST	$20,043.98	$0.00	$0.00	$20,043.98
	$8,223,371.41	$0.00	$133,736.14	$8,089,635.27

CITY OF HANOVER
Revenue Budget Report - General Fund

Source Alt Code	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
Fund 100 GENERAL FUND						
TAXES	R 100-31000 Property Taxes - General	$0.00	$0.00	$1,010,873.00	$1,010,873.00	0.00%
TAXES	R 100-31020 Property Taxes - Fire	$0.00	$0.00	$104,404.00	$104,404.00	0.00%
TAXES	R 100-31800 Franchise Fees	$0.00	$0.00	$15,000.00	$15,000.00	0.00%
Source Alt Code TAXES		$0.00	$0.00	$1,130,277.00	$1,130,277.00	0.00%
SERVICE	R 100-34000 Charges for Services	$0.00	$0.00	$0.00	$0.00	0.00%
SERVICE	R 100-34101 City Hall Rent Revenue	$0.00	$0.00	$11,000.00	$11,000.00	0.00%
SERVICE	R 100-34107 Assessment Search Fees	$0.00	$0.00	$600.00	$600.00	0.00%
SERVICE	R 100-34108 Administrative Fees	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
SERVICE	R 100-34109 Copies/Faxes	$0.00	$0.00	$50.00	$50.00	0.00%
SERVICE	R 100-34206 Other Public Safety Charges	$0.00	$0.00	$0.00	$0.00	0.00%
SERVICE	R 100-34207 Fire Protection Services	$0.00	$0.00	$107,573.00	$107,573.00	0.00%
SERVICE	R 100-34403 Recycling Rev/Reimb	$0.00	$0.00	$6,000.00	$6,000.00	0.00%
SERVICE	R 100-34780 Park Rental Fees	$0.00	$0.00	$2,500.00	$2,500.00	0.00%
SERVICE	R 100-34940 Cemetery Revenues	$0.00	$0.00	$0.00	$0.00	0.00%
Source Alt Code SERVICE		$0.00	$0.00	$130,723.00	$130,723.00	0.00%
MISC	R 100-36100 Special Assessments	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-36200 Miscellaneous Revenues	$0.00	$0.00	$100.00	$100.00	0.00%
MISC	R 100-36210 Interest Earnings	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-36215 Investment Income/Loss	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-36230 Contributions and Donations	$0.00	$0.00	$400.00	$400.00	0.00%
MISC	R 100-36235 Insurance Dividends	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-36250 Damage Deposits	$0.00	$0.00	$9,000.00	$9,000.00	0.00%
MISC	R 100-36260 Refunds or Reimbursements	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-36290 Sale of Vehicles/Equipment	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-39101 Sales of General Fixed Asset	$0.00	$0.00	$0.00	$0.00	0.00%
MISC	R 100-39203 Transfer from Other Fund	$0.00	$0.00	$0.00	$0.00	0.00%
Source Alt Code MISC		$0.00	$0.00	$9,500.00	$9,500.00	0.00%
LIC PERM	R 100-32110 Alchoholic Beverages	$0.00	$0.00	$6,870.00	$6,870.00	0.00%
LIC PERM	R 100-32180 Other Bus. Licenses/Permits	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
LIC PERM	R 100-32210 Building Permits	$0.00	$0.00	$100,000.00	$100,000.00	0.00%
LIC PERM	R 100-32240 Animal Licenses	$0.00	$0.00	$0.00	$0.00	0.00%
LIC PERM	R 100-32260 Solid Waste Hauler Licenses	$0.00	$0.00	$1,500.00	$1,500.00	0.00%
LIC PERM	R 100-32270 Rental Dwelling Licenses	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
LIC PERM	R 100-32280 Other Non-Business Lic/Per	$0.00	$0.00	$50.00	$50.00	0.00%
Source Alt Code LIC PERM		$0.00	$0.00	$110,420.00	$110,420.00	0.00%
INTGOVT	R 100-33400 State Grants and Aids	$0.00	$0.00	$0.00	$0.00	0.00%
INTGOVT	R 100-33401 Local Government Aid	$0.00	$0.00	$124,773.00	$124,773.00	0.00%
INTGOVT	R 100-33410 MV Credit	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
INTGOVT	R 100-33420 PERA Aid	$0.00	$0.00	$339.00	$339.00	0.00%
INTGOVT	R 100-33422 State Fire Aid	$0.00	$0.00	$39,000.00	$39,000.00	0.00%
INTGOVT	R 100-33426 State Police Aid	$0.00	$0.00	$5,500.00	$5,500.00	0.00%
INTGOVT	R 100-33610 County Grants/Aid for Roads	$0.00	$0.00	$0.00	$0.00	0.00%
Source Alt Code INTGOVT		$0.00	$0.00	$170,612.00	$170,612.00	0.00%
FINES	R 100-35100 Court Fines	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
Source Alt Code FINES		$0.00	$0.00	$3,000.00	$3,000.00	0.00%
Fund 100 GENERAL FUND		$0.00	$0.00	$1,554,532.00	$1,554,532.00	0.00%

CITY OF HANOVER

Revenue Budget Report - General Fund

Source Alt Code	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
		$0.00	$0.00	$1,554,532.00	$1,554,532.00	0.00%

CITY OF HANOVER
Expenditure Budget Report - General Fund

Dept Abbrev	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
Fund 100 GENERAL FUND						
Dept 41110 Council						
COUNCIL	E 100-41110-111 Committee Wages/Mee	$0.00	$0.00	$13,000.00	$13,000.00	0.00%
COUNCIL	E 100-41110-122 FICA	$0.00	$0.00	$806.00	$806.00	0.00%
COUNCIL	E 100-41110-123 Medicare	$0.00	$0.00	$189.00	$189.00	0.00%
COUNCIL	E 100-41110-208 Training and Instructio	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
COUNCIL	E 100-41110-306 Dues & Subscriptions	$0.00	$0.00	$7,500.00	$7,500.00	0.00%
COUNCIL	E 100-41110-331 Travel Expenses	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
COUNCIL	E 100-41110-437 Other Miscellaneous	$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 41110 Council		$0.00	$0.00	$45,495.00	$45,495.00	0.00%
Dept 41330 Boards and Commissions						
BRDCOMM	E 100-41330-111 Committee Wages/Mee	$0.00	$0.00	$5,000.00	$5,000.00	0.00%
BRDCOMM	E 100-41330-208 Training and Instructio	$0.00	$0.00	$500.00	$500.00	0.00%
BRDCOMM	E 100-41330-331 Travel Expenses	$0.00	$0.00	$200.00	$200.00	0.00%
Dept 41330 Boards and Commissions		$0.00	$0.00	$5,700.00	$5,700.00	0.00%
Dept 41400 City Administrator						
CITYADM	E 100-41400-101 Full-Time Employees R	$0.00	$0.00	$78,668.00	$78,668.00	0.00%
CITYADM	E 100-41400-121 PERA	$0.00	$0.00	$5,900.00	$5,900.00	0.00%
CITYADM	E 100-41400-122 FICA	$0.00	$0.00	$4,877.00	$4,877.00	0.00%
CITYADM	E 100-41400-123 Medicare	$0.00	$0.00	$1,141.00	$1,141.00	0.00%
CITYADM	E 100-41400-134 Employer Paid Life	$0.00	$0.00	$674.00	$674.00	0.00%
CITYADM	E 100-41400-151 Med/Dental Insurance	$0.00	$0.00	$8,400.00	$8,400.00	0.00%
CITYADM	E 100-41400-208 Training and Instructio	$125.00	$125.00	$1,500.00	$1,375.00	8.33%
CITYADM	E 100-41400-306 Dues & Subscriptions	$0.00	$0.00	$200.00	$200.00	0.00%
Dept 41400 City Administrator		$125.00	$125.00	$101,360.00	$101,235.00	0.12%
Dept 41410 Elections						
ELECTION	E 100-41410-101 Full-Time Employees R	$0.00	$0.00	$13,500.00	$13,500.00	0.00%
ELECTION	E 100-41410-122 FICA	$0.00	$0.00	$837.00	$837.00	0.00%
ELECTION	E 100-41410-123 Medicare	$0.00	$0.00	$196.00	$196.00	0.00%
ELECTION	E 100-41410-200 Office Supplies (GENER	$0.00	$0.00	$5,000.00	$5,000.00	0.00%
ELECTION	E 100-41410-310 Other Professional Serv	$0.00	$0.00	$5,000.00	$5,000.00	0.00%
ELECTION	E 100-41410-351 Legal Notices Publishin	$0.00	$0.00	$200.00	$200.00	0.00%
ELECTION	E 100-41410-400 Repairs & Maint Cont (	$0.00	$0.00	$1,200.00	$1,200.00	0.00%
Dept 41410 Elections		$0.00	$0.00	$25,933.00	$25,933.00	0.00%
Dept 41430 Clerical Staff						
CLERICAL	E 100-41430-101 Full-Time Employees R	$0.00	$0.00	$49,926.00	$49,926.00	0.00%
CLERICAL	E 100-41430-121 PERA	$0.00	$0.00	$3,744.00	$3,744.00	0.00%
CLERICAL	E 100-41430-122 FICA	$0.00	$0.00	$3,095.00	$3,095.00	0.00%
CLERICAL	E 100-41430-123 Medicare	$0.00	$0.00	$724.00	$724.00	0.00%
CLERICAL	E 100-41430-134 Employer Paid Life	$0.00	$0.00	$456.00	$456.00	0.00%
CLERICAL	E 100-41430-142 Unemployment Benefit	$0.00	$0.00	$0.00	$0.00	0.00%
CLERICAL	E 100-41430-151 Med/Dental Insurance	$0.00	$0.00	$8,400.00	$8,400.00	0.00%
CLERICAL	E 100-41430-208 Training and Instructio	$0.00	$0.00	$500.00	$500.00	0.00%
CLERICAL	E 100-41430-306 Dues & Subscriptions	$0.00	$0.00	$100.00	$100.00	0.00%
Dept 41430 Clerical Staff		$0.00	$0.00	$66,945.00	$66,945.00	0.00%
Dept 41435 Staff Expenses						
STAFFEXP	E 100-41435-260 Uniforms	$0.00	$0.00	$300.00	$300.00	0.00%
STAFFEXP	E 100-41435-310 Other Professional Serv	$150.00	$150.00	$500.00	$350.00	30.00%
STAFFEXP	E 100-41435-331 Travel Expenses	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
Dept 41435 Staff Expenses		$150.00	$150.00	$2,800.00	$2,650.00	5.36%

CITY OF HANOVER
Expenditure Budget Report - General Fund

Dept Abbrev	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
Dept 41530 Accounting						
ACCTING	E 100-41530-101 Full-Time Employees R	$0.00	$0.00	$57,920.00	$57,920.00	0.00%
ACCTING	E 100-41530-121 PERA	$0.00	$0.00	$4,344.00	$4,344.00	0.00%
ACCTING	E 100-41530-122 FICA	$0.00	$0.00	$3,591.00	$3,591.00	0.00%
ACCTING	E 100-41530-123 Medicare	$0.00	$0.00	$840.00	$840.00	0.00%
ACCTING	E 100-41530-134 Employer Paid Life	$0.00	$0.00	$527.00	$527.00	0.00%
ACCTING	E 100-41530-151 Med/Dental Insurance	$0.00	$0.00	$8,400.00	$8,400.00	0.00%
ACCTING	E 100-41530-208 Training and Instructio	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
ACCTING	E 100-41530-306 Dues & Subscriptions	$0.00	$0.00	$250.00	$250.00	0.00%
ACCTING	E 100-41530-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 41530 Accounting		$0.00	$0.00	$76,872.00	$76,872.00	0.00%
Dept 41540 Auditing						
AUDITING	E 100-41540-301 Auditing and Acctg Ser	$0.00	$0.00	$22,000.00	$22,000.00	0.00%
Dept 41540 Auditing		$0.00	$0.00	$22,000.00	$22,000.00	0.00%
Dept 41550 Assessing						
ASSESS G	E 100-41550-310 Other Professional Serv	$0.00	$0.00	$23,000.00	$23,000.00	0.00%
Dept 41550 Assessing		$0.00	$0.00	$23,000.00	$23,000.00	0.00%
Dept 41570 Purchasing						
PURCHASE	E 100-41570-200 Office Supplies (GENER	$0.00	$0.00	$3,500.00	$3,500.00	0.00%
PURCHASE	E 100-41570-205 Bank Fees	$0.00	$0.00	$200.00	$200.00	0.00%
PURCHASE	E 100-41570-207 Computer Supplies	$0.00	$0.00	$8,000.00	$8,000.00	0.00%
PURCHASE	E 100-41570-220 Repair/Maint Supply (G	$176.05	$176.05	$4,500.00	$4,323.95	3.91%
PURCHASE	E 100-41570-322 Postage	$0.00	$0.00	$2,500.00	$2,500.00	0.00%
PURCHASE	E 100-41570-570 Office Equip and Furnis	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
Dept 41570 Purchasing		$176.05	$176.05	$21,700.00	$21,523.95	0.81%
Dept 41600 Computer						
COMPUTER	E 100-41600-310 Other Professional Serv	$0.00	$0.00	$6,000.00	$6,000.00	0.00%
Dept 41600 Computer		$0.00	$0.00	$6,000.00	$6,000.00	0.00%
Dept 41610 City Attorney						
CITYATNY	E 100-41610-304 Legal Fees	$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 41610 City Attorney		$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 41910 Planning and Zoning						
PLANZONG	E 100-41910-310 Other Professional Serv	$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 41910 Planning and Zoning		$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 41940 General Govt Buildings/Plant						
GOVTBLDG	E 100-41940-210 Operating Supplies (GE	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
GOVTBLDG	E 100-41940-220 Repair/Maint Supply (G	$0.00	$0.00	$6,000.00	$6,000.00	0.00%
GOVTBLDG	E 100-41940-306 Dues & Subscriptions	$0.00	$0.00	$550.00	$550.00	0.00%
GOVTBLDG	E 100-41940-310 Other Professional Serv	$0.00	$0.00	$7,500.00	$7,500.00	0.00%
GOVTBLDG	E 100-41940-321 Telephone	$149.80	$149.80	$6,400.00	$6,250.20	2.34%
GOVTBLDG	E 100-41940-325 Taxes	$0.00	$0.00	$400.00	$400.00	0.00%
GOVTBLDG	E 100-41940-381 Electric Utilities	$0.00	$0.00	$9,000.00	$9,000.00	0.00%
GOVTBLDG	E 100-41940-383 Gas Utilities	$0.00	$0.00	$5,000.00	$5,000.00	0.00%
GOVTBLDG	E 100-41940-384 Refuse/Garbage Dispos	$277.21	$277.21	$3,000.00	$2,722.79	9.24%
GOVTBLDG	E 100-41940-415 Other Equipment Renta	$0.00	$0.00	$0.00	$0.00	0.00%
GOVTBLDG	E 100-41940-520 Buildings and Structure	$0.00	$0.00	$4,000.00	$4,000.00	0.00%
GOVTBLDG	E 100-41940-560 Furniture and Fixtures	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
GOVTBLDG	E 100-41940-580 Other Equipment	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 41940 General Govt Buildings/Plant		$427.01	$427.01	$46,850.00	$46,422.99	0.91%

Dept Abbrev	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
Dept 41950 Engineer						
ENGINEER	E 100-41950-303 Engineering Fees	$0.00	$0.00	$15,000.00	$15,000.00	0.00%
Dept 41950 Engineer		$0.00	$0.00	$15,000.00	$15,000.00	0.00%
Dept 41960 Insurance						
INSURANCE	E 100-41960-150 Worker s Comp (GENE	$0.00	$0.00	$13,000.00	$13,000.00	0.00%
INSURANCE	E 100-41960-152 Worker s Comp Benefit	$0.00	$0.00	$0.00	$0.00	0.00%
INSURANCE	E 100-41960-361 General Liability Ins	$0.00	$0.00	$25,000.00	$25,000.00	0.00%
Dept 41960 Insurance		$0.00	$0.00	$38,000.00	$38,000.00	0.00%
Dept 41970 Legal Publications						
LEGALPUB	E 100-41970-341 Employment	$0.00	$0.00	$300.00	$300.00	0.00%
LEGALPUB	E 100-41970-343 Other Advertising	$0.00	$0.00	$200.00	$200.00	0.00%
LEGALPUB	E 100-41970-351 Legal Notices Publishin	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
LEGALPUB	E 100-41970-354 Recording Fees	$0.00	$0.00	$250.00	$250.00	0.00%
Dept 41970 Legal Publications		$0.00	$0.00	$2,750.00	$2,750.00	0.00%
Dept 42000 Public Safety (GENERAL)						
PUBSAFTY	E 100-42000-437 Other Miscellaneous	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 42000 Public Safety (GENERAL)		$0.00	$0.00	$0.00	$0.00	0.00%
Dept 42101 Hennepin County Sheriff						
HCSHERIFF	E 100-42101-310 Other Professional Serv	$0.00	$0.00	$84,368.00	$84,368.00	0.00%
Dept 42101 Hennepin County Sheriff		$0.00	$0.00	$84,368.00	$84,368.00	0.00%
Dept 42102 Wright County Sheriff						
WCSHERIFF	E 100-42102-310 Other Professional Serv	$0.00	$0.00	$114,558.00	$114,558.00	0.00%
Dept 42102 Wright County Sheriff		$0.00	$0.00	$114,558.00	$114,558.00	0.00%
Dept 42210 Fire Dept Administration						
FIREADMIN	E 100-42210-103 Part-Time Employees	$0.00	$0.00	$70,600.00	$70,600.00	0.00%
FIREADMIN	E 100-42210-122 FICA	$0.00	$0.00	$4,377.00	$4,377.00	0.00%
FIREADMIN	E 100-42210-123 Medicare	$0.00	$0.00	$1,024.00	$1,024.00	0.00%
FIREADMIN	E 100-42210-142 Unemployment Benefit	$0.00	$0.00	$300.00	$300.00	0.00%
FIREADMIN	E 100-42210-150 Worker s Comp (GENE	$0.00	$0.00	$9,000.00	$9,000.00	0.00%
FIREADMIN	E 100-42210-200 Office Supplies (GENER	$0.00	$0.00	$350.00	$350.00	0.00%
FIREADMIN	E 100-42210-305 Medical and Dental Fee	$0.00	$0.00	$4,000.00	$4,000.00	0.00%
FIREADMIN	E 100-42210-306 Dues & Subscriptions	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
FIREADMIN	E 100-42210-361 General Liability Ins	$0.00	$0.00	$5,000.00	$5,000.00	0.00%
Dept 42210 Fire Dept Administration		$0.00	$0.00	$95,651.00	$95,651.00	0.00%
Dept 42220 Fire Dept Equipment						
FIREEQUIP	E 100-42220-221 Equipment Parts	$0.00	$0.00	$11,500.00	$11,500.00	0.00%
FIREEQUIP	E 100-42220-228 Medical Supplies	$0.00	$0.00	$1,500.00	$1,500.00	0.00%
FIREEQUIP	E 100-42220-240 Small Tools and Minor	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
FIREEQUIP	E 100-42220-260 Uniforms	$0.00	$0.00	$28,500.00	$28,500.00	0.00%
FIREEQUIP	E 100-42220-580 Other Equipment	$0.00	$0.00	$5,000.00	$5,000.00	0.00%
Dept 42220 Fire Dept Equipment		$0.00	$0.00	$47,500.00	$47,500.00	0.00%
Dept 42240 Fire Dept Training						
FIRETRNG	E 100-42240-208 Training and Instructio	$0.00	$0.00	$7,500.00	$7,500.00	0.00%
FIRETRNG	E 100-42240-310 Other Professional Serv	$0.00	$0.00	$3,380.00	$3,380.00	0.00%
FIRETRNG	E 100-42240-331 Travel Expenses	$0.00	$0.00	$1,500.00	$1,500.00	0.00%
Dept 42240 Fire Dept Training		$0.00	$0.00	$12,380.00	$12,380.00	0.00%
Dept 42260 Fire Vehicles						
FIREVEH	E 100-42260-212 Motor Fuels	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
FIREVEH	E 100-42260-220 Repair/Maint Supply (G	$0.00	$0.00	$9,000.00	$9,000.00	0.00%

Dept Abbrev	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
FIREVEH	E 100-42260-240 Small Tools and Minor	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
FIREVEH	E 100-42260-323 Radio Units	$0.00	$0.00	$7,800.00	$7,800.00	0.00%
Dept 42260 Fire Vehicles		$0.00	$0.00	$20,800.00	$20,800.00	0.00%
Dept 42280 Fire Stations and Bldgs						
FIREBLDG	E 100-42280-215 Shop Supplies	$0.00	$0.00	$800.00	$800.00	0.00%
FIREBLDG	E 100-42280-220 Repair/Maint Supply (G	$0.00	$0.00	$7,500.00	$7,500.00	0.00%
FIREBLDG	E 100-42280-321 Telephone	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
FIREBLDG	E 100-42280-325 Taxes	$0.00	$0.00	$0.00	$0.00	0.00%
FIREBLDG	E 100-42280-381 Electric Utilities	$0.00	$0.00	$4,500.00	$4,500.00	0.00%
FIREBLDG	E 100-42280-383 Gas Utilities	$0.00	$0.00	$3,500.00	$3,500.00	0.00%
FIREBLDG	E 100-42280-520 Buildings and Structure	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 42280 Fire Stations and Bldgs		$0.00	$0.00	$17,300.00	$17,300.00	0.00%
Dept 42290 Fire Relief Association						
FIRERELIEF	E 100-42290-124 Fire Pension Contributi	$0.00	$0.00	$39,000.00	$39,000.00	0.00%
FIRERELIEF	E 100-42290-125 Other Retirement Contr	$0.00	$0.00	$12,096.00	$12,096.00	0.00%
FIRERELIEF	E 100-42290-301 Auditing and Acctg Ser	$0.00	$0.00	$6,250.00	$6,250.00	0.00%
Dept 42290 Fire Relief Association		$0.00	$0.00	$57,346.00	$57,346.00	0.00%
Dept 42401 Building Inspection Admin						
INSPADMN	E 100-42401-310 Other Professional Serv	$0.00	$0.00	$40,000.00	$40,000.00	0.00%
Dept 42401 Building Inspection Admin		$0.00	$0.00	$40,000.00	$40,000.00	0.00%
Dept 42700 Animal Control						
ANIMCTRL	E 100-42700-310 Other Professional Serv	$0.00	$0.00	$1,000.00	$1,000.00	0.00%
Dept 42700 Animal Control		$0.00	$0.00	$1,000.00	$1,000.00	0.00%
Dept 42800 Cemetery						
CEMETERY	E 100-42800-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 42800 Cemetery		$0.00	$0.00	$0.00	$0.00	0.00%
Dept 43000 Public Works (GENERAL)						
PUBWRKS	E 100-43000-101 Full-Time Employees R	$0.00	$0.00	$146,116.00	$146,116.00	0.00%
PUBWRKS	E 100-43000-102 Full-Time Employees O	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
PUBWRKS	E 100-43000-103 Part-Time Employees	$0.00	$0.00	$28,360.00	$28,360.00	0.00%
PUBWRKS	E 100-43000-121 PERA	$0.00	$0.00	$12,834.00	$12,834.00	0.00%
PUBWRKS	E 100-43000-122 FICA	$0.00	$0.00	$11,775.00	$11,775.00	0.00%
PUBWRKS	E 100-43000-123 Medicare	$0.00	$0.00	$2,892.00	$2,892.00	0.00%
PUBWRKS	E 100-43000-134 Employer Paid Life	$0.00	$0.00	$1,548.00	$1,548.00	0.00%
PUBWRKS	E 100-43000-142 Unemployment Benefit	$0.00	$0.00	$0.00	$0.00	0.00%
PUBWRKS	E 100-43000-151 Med/Dental Insurance	$0.00	$0.00	$32,400.00	$32,400.00	0.00%
PUBWRKS	E 100-43000-208 Training and Instructio	$1,500.00	$1,500.00	$3,500.00	$2,000.00	42.86%
PUBWRKS	E 100-43000-212 Motor Fuels	$0.00	$0.00	$12,000.00	$12,000.00	0.00%
PUBWRKS	E 100-43000-215 Shop Supplies	$0.00	$0.00	$7,500.00	$7,500.00	0.00%
PUBWRKS	E 100-43000-220 Repair/Maint Supply (G	$0.00	$0.00	$12,000.00	$12,000.00	0.00%
PUBWRKS	E 100-43000-226 Sign Repair Materials	$0.00	$0.00	$1,500.00	$1,500.00	0.00%
PUBWRKS	E 100-43000-240 Small Tools and Minor	$0.00	$0.00	$10,000.00	$10,000.00	0.00%
PUBWRKS	E 100-43000-260 Uniforms	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
PUBWRKS	E 100-43000-310 Other Professional Serv	$0.00	$0.00	$7,500.00	$7,500.00	0.00%
PUBWRKS	E 100-43000-321 Telephone	$158.56	$158.56	$4,200.00	$4,041.44	3.78%
PUBWRKS	E 100-43000-325 Taxes	$134.75	$134.75	$200.00	$65.25	67.38%
PUBWRKS	E 100-43000-381 Electric Utilities	$0.00	$0.00	$4,000.00	$4,000.00	0.00%
PUBWRKS	E 100-43000-383 Gas Utilities	$0.00	$0.00	$7,000.00	$7,000.00	0.00%
PUBWRKS	E 100-43000-520 Buildings and Structure	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 43000 Public Works (GENERAL)		$1,793.31	$1,793.31	$310,325.00	$308,531.69	0.58%

Dept Abbrev	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
Dept 43121 Paved Streets						
PAVSTRTS	E 100-43121-224 Street Maint Materials	$0.00	$0.00	$50,000.00	$50,000.00	0.00%
Dept 43121 Paved Streets		$0.00	$0.00	$50,000.00	$50,000.00	0.00%
Dept 43122 Unpaved Streets						
UNPAVSTS	E 100-43122-224 Street Maint Materials	$0.00	$0.00	$15,000.00	$15,000.00	0.00%
Dept 43122 Unpaved Streets		$0.00	$0.00	$15,000.00	$15,000.00	0.00%
Dept 43125 Ice & Snow Removal						
SNOWREMO	E 100-43125-224 Street Maint Materials	$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 43125 Ice & Snow Removal		$0.00	$0.00	$20,000.00	$20,000.00	0.00%
Dept 43160 Street Lighting						
STLGHTG	E 100-43160-381 Electric Utilities	$0.00	$0.00	$25,000.00	$25,000.00	0.00%
Dept 43160 Street Lighting		$0.00	$0.00	$25,000.00	$25,000.00	0.00%
Dept 43240 Waste (refuse) Disposal						
REFDISPO	E 100-43240-384 Refuse/Garbage Dispos	$0.00	$0.00	$3,000.00	$3,000.00	0.00%
Dept 43240 Waste (refuse) Disposal		$0.00	$0.00	$3,000.00	$3,000.00	0.00%
Dept 43245 Recycling: Refuse						
RECYCLING	E 100-43245-384 Refuse/Garbage Dispos	$0.00	$0.00	$44,000.00	$44,000.00	0.00%
Dept 43245 Recycling: Refuse		$0.00	$0.00	$44,000.00	$44,000.00	0.00%
Dept 45186 Senior Center						
SRCENTER	E 100-45186-437 Other Miscellaneous	$0.00	$0.00	$9,100.00	$9,100.00	0.00%
Dept 45186 Senior Center		$0.00	$0.00	$9,100.00	$9,100.00	0.00%
Dept 45200 Parks (GENERAL)						
PARKS	E 100-45200-212 Motor Fuels	$0.00	$0.00	$2,000.00	$2,000.00	0.00%
PARKS	E 100-45200-220 Repair/Maint Supply (G	$0.00	$0.00	$6,000.00	$6,000.00	0.00%
PARKS	E 100-45200-225 Landscaping Materials	$0.00	$0.00	$8,000.00	$8,000.00	0.00%
PARKS	E 100-45200-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
PARKS	E 100-45200-381 Electric Utilities	$0.00	$0.00	$2,200.00	$2,200.00	0.00%
PARKS	E 100-45200-400 Repairs & Maint Cont (	$0.00	$0.00	$0.00	$0.00	0.00%
PARKS	E 100-45200-440 Programs	$0.00	$0.00	$0.00	$0.00	0.00%
PARKS	E 100-45200-580 Other Equipment	$0.00	$0.00	$8,000.00	$8,000.00	0.00%
Dept 45200 Parks (GENERAL)		$0.00	$0.00	$26,200.00	$26,200.00	0.00%
Dept 45500 Libraries (GENERAL)						
LIBRARY	E 100-45500-437 Other Miscellaneous	$0.00	$0.00	$11,600.00	$11,600.00	0.00%
Dept 45500 Libraries (GENERAL)		$0.00	$0.00	$11,600.00	$11,600.00	0.00%
Dept 48205 Damage Deposit Refunds						
DMGDEPRF	E 100-48205-810 Refunds & Reimbursem	$0.00	$0.00	$9,000.00	$9,000.00	0.00%
Dept 48205 Damage Deposit Refunds		$0.00	$0.00	$9,000.00	$9,000.00	0.00%
Dept 49360 Transfers Out						
TRNSFERS	E 100-49360-700 Transfers (GENERAL)	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 49360 Transfers Out		$0.00	$0.00	$0.00	$0.00	0.00%
Dept 49800 Transit (GENERAL)						
TRANSIT	E 100-49800-310 Other Professional Serv	$0.00	$0.00	$0.00	$0.00	0.00%
Dept 49800 Transit (GENERAL)		$0.00	$0.00	$0.00	$0.00	0.00%
Fund 100 GENERAL FUND		$2,671.37	$2,671.37	$1,554,533.00	$1,551,861.63	0.17%

Dept Abbrev	Account Descr	January 2020 Amt	2020 YTD Amt	2020 YTD Budget	2020 YTD Balance	%YTD Budget
		$2,671.37	$2,671.37	$1,554,533.00	$1,551,861.63	0.17%

CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA

RESOLUTION NO 01-07-20-01

APPOINTING 2020 ELECTIONS ABSENTEE BALLOT BOARD

NOW THEREFORE, BE IT RESOLVED, that the City Council of the City of Hanover, Minnesota hereby appoints staff members Brian Hagen, Jackie Heinz and the 2020 Seasonal Election Assistant as Absentee Ballot Board Judges for all 2020 Elections.

Adopted by the city Council this 7th day of January, 2020.

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA

RESOLUTION NO 01-07-20-02

APPROVING THE 2020 SOLID WASTE HAULER LICENSES

WHEREAS, the City issues annual Solid Waste Hauler Licenses; and

WHEREAS, the City's Ordinance allows six licenses; and

WHEREAS, six applications were received for 2020.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Hanover, Minnesota, hereby issues a Solid Waste Hauler License to the following companies:

- ACE Solid Waste, Inc.
- Randy's Sanitation
- Advanced Disposal
- Waste Management
- Republic Services
- Curbside Waste Inc.

Adopted by the city Council this 7th day of January, 2020.

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

Collaborative Planning, LLC

Memorandum

Date:	January 2, 2020
To:	Honorable Mayor and Council
From:	Cindy Nash, City Planner
RE:	Mahler Aggregate Mine – 15th Street

The proposed Mahler Aggregate mine expansion project necessitates a determination on what should be done with 15th Street if the project is approved. This street is a shared road with the City of St. Michael. It does not meet 10-ton road standards, is a rural section with ditches and no separated pedestrian facilities. It is also the shortest potential collector road between the proposed expanded mine and CR 19. The road pavement is in poor condition.

As part of the Mahler Aggregate IUP, the City will need to make some determinations about this road.

Background

City ordinances require the following related to haul routes for mining operations:

> Haul Routes. Haul routes on city collector roads shall be identified and shall be located in a manner that provides the closest proximity from a haul road to the nearest county or state road. The city collector road designated as the haul route must be constructed as 10-ton roads. In the event that a collector road does not meet these requirements, the project proposer shall upgrade the roads at their sole expense.

15th Street does not meet 10-ton road standards. In addition, the July 2019 Pavement Management Report prepared by WSB identified a pavement rating of "poor" for this road. Maintenance recommendations in the Pavement Management Report for a road with a "poor" rating would be for a full reconstruct.

As a part of their proposal, the narrative that was submitted by the applicant (and updated in their response letter dated December 30, 2019) estimates that it will cost approximately $200,000 to undertake a reclamation of the existing bituminous and repaving. This is similar to the project the City recently completed for River Road, and the City Engineer had indicated that this may be an acceptable alternative to a full reconstruct pending receipt of further study and testing of the existing road. This would enable a lower cost alternative to be implemented as compared to a full reconstruct in order to delay the full reconstruct to a timeframe that would be anticipated to be after the completion of mining activities on the site (based on estimates of mining provided by the applicant in their narrative). Additional testing of 15th Street has been completed, and WSB is of the opinion that additional gravel or bituminous would be needed that was not included in the applicant's estimate (see December 10, 2019 memo).

Hanover staff has consulted with St. Michael staff, who have indicated that they do not have a desire or need to make improvements to 15th Street at this time, particularly if the road will experience continued heavy mining traffic.

Per direction received at the November 19, 2019 City Council meeting, WSB has estimated the costs of also constructing a turn lane and separated trail on 15th Street to improve safety and manage traffic. Please see the

memo dated December 30, 2019 related to the trail and turn lanes, and the memo dated December 10, 2019 for information on the pavement analysis.

It should be noted that the cost for the trail was based on an assumption that the trail would be installed as part of the same project as the pavement portion of the project. In order to install the trail on the south side of 15th Street to be accessible to neighborhoods, the pavement section has to be moved to the north of its current location to avoid the power poles. As a result, the cost of the trail would increase if the repaving work had to be redone at a later date. For practical purposes, the trail is only likely to be installed if it is done either at the same time as a paving project completed to accommodate this mining project or at a future date coinciding with a full reconstruct of a trail.

Estimated costs to complete all portions of the project are as follows:

Pavement	$235,000
Trail	$323,000
Turn Lane	$42,000
Total Estimated Cost	$600,000

Per the response memo from Scott Dahlke dated December 30, 2019, Fehn is proposing to complete the reclaim/repave at a cost of $200,000, of which $100,000 would be paid upfront by the City out of the 15th Street Fund, and the remaining $100,000 would be paid by Fehn but then refunded by the City out of the aggregate tax collected until that remaining $100,000 is repaid. Although WSB has provided comments that it is their opinion that additional work is needed per their December 10, 2019 memo, Mr. Dahlke has not updated the construction cost at this time resulting in the cost estimate differences between WSB and Mr. Dahlke. Mr. Dahlke has updated the anticipated number of yards of material that he anticipates would be removed from the mine, which increases the total amount of aggregate tax that would be collected over the life of the mine.

Mr. Dahlke's memo of December 30 also outlines the Developer's opinion that they should not be responsible for the costs of turn lanes or trails.

A trail is included in the Comprehensive Plan as a needed element adjacent to 15th Street. The Comprehensive Plan does not anticipate dates for any specific improvements to be completed, but trails are typically added to roads when major construction activities are completed on the roads.

If the City were proposing an improvement project to 15th Street, potential funding sources would be bonds, the 15th Street Fund, or park dedication fees (for the trail component). The City's Capital Improvement Program does not currently include a project of any type on 15th Street.

Discussion

The City Council should discuss the improvements that are necessary for a project to 15th Street to be completed at this time if the mining project is approved, and what funding, if any, that the City is willing to contribute to a project. Staff will then draft conditions related to 15th Street for a potential permit and development agreement. With an Interim Use Permit, the Developer must agree to the conditions placed in the permit. If the Developer and the City cannot agree on permit conditions, then the permit could be denied.

Memorandum

To: ***Cindy Nash – Hanover City Planner***

From: ***Justin Messner, PE – Hanover City Engineer***

Cc: ***Brian Hagen – Hanover City Administrator***

Date: ***December 30, 2019***

Re: ***Mahler Mining Pit Expansion – 15th St NE Improvements***
WSB Project No. 014135-000

As requested, we have reviewed the estimated costs associated with adding a left turn lane and bituminous trail along 15th St NE. The estimated costs assume the improvements are completed along with the street improvements associated with the Mahler Mining Pit Expansion.

The proposed bituminous trail consists of a 5-foot-wide boulevard, 10-foot-wide bituminous trail, and the required 2-foot-wide clear zone off the edge of the trail. There are existing power poles along the south side of the road approximately 13' off the gravel shoulder which would be impacted by the trail construction. Due to the size of the transmission lines it is unlikely these poles would be relocated. As a result, the estimated costs include shifting 15th St NE to the north approximately 4' from Labeaux Ave NE to River Rd NE.

As shown in the attached document, the estimated costs to add turn a left turn lane on 15th St NE at the intersection of Labeaux Ave NE is approximately *$42,000*. The estimated costs to add a bituminous trail to the south side of Labeaux Ave and shift the roadway is approximately *$323,000*.

178 E 9TH STREET | SUITE 200 | SAINT PAUL, MN | 55101 | 651.286.8450 | WSBENG.COM

LEFT TURN LANE ADDITION						
NO.	**MNDOT**	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT PRICE**	**PRICE**
1	2104.502	SALVAGE SIGN	EACH	5	$80.00	$400.00
2	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	10	$12.00	$120.00
3	2104.518	REMOVE CONCRETE SIDEWALK	SF	60	$12.00	$720.00
4	2105.507	COMMON EXCAVATION	CY	130	$26.00	$3,380.00
5	2105.507	COMMON BORROW	CY	180	$23.00	$4,140.00
6	2211.509	AGGREGATE BASE CLASS 5	TON	360	$28.00	$10,080.00
7	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	25	$2.00	$50.00
8	2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	70	$78.00	$5,460.00
9	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3;C)	TON	70	$78.00	$5,460.00
10	2521.518	6" CONCRETE WALK	SF	60	$12.00	$720.00
11	2531.518	TRUNCATED DOMES	SF	20	$45.00	$900.00
12	2564.602	INSTALL SIGN	EACH	5	$200.00	$1,000.00
13	2574.507	COMMON TOPSOIL BORROW	CY	130	$35.00	$4,550.00
14	2575.505	SEEDING	ACRE	0.1	$2,000.00	$200.00
15	2575.508	SEED MIXTURE 25-151	LBS	12	$8.50	$102.00
16	2582.503	4" SOLID LINE PAINT	LF	680	$0.85	$578.00
17	2582.518	PAVT MSSG PAINT	SF	41.16	$6.00	$246.96
					SUBTOTAL	*$38,106.96*
					10% CONTINGENCY	*$3,810.70*
					TOTAL	***$41,917.66***

ROAD SHIFT AND BITUMINOUS TRAIL						
NO.	**MNDOT**	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT PRICE**	**PRICE**
1	2104.502	SALVAGE SIGN	EACH	11	$80.00	$880.00
2	2104.502	REMOVE PIPE APRON	EACH	1	$300.00	$300.00
3	2104.503	REMOVE PIPE CULVERTS	LF	240	$15.00	$3,600.00
4	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	10	$12.00	$120.00
5	2104.518	REMOVE CONCRETE SIDEWALK	SF	120	$12.00	$1,440.00
6	2105.507	COMMON EXCAVATION	CY	1660	$26.00	$43,160.00
7	2105.507	COMMON BORROW	CY	2535	$23.00	$58,305.00
8	2211.509	AGGREGATE BASE	TON	1130	$28.00	$31,640.00
9	2360.509	TYPE SP 9.5 WEARING COURSE MIX (3;C)	TON	560	$78.00	$43,680.00
10	2501.502	18" RC PIPE APRON	EACH	1	$1,000.00	$1,000.00
11	2501.502	15" CS PIPE APRON	EACH	6	$350.00	$2,100.00
12	2501.503	15" CS PIPE CULVERT	LF	240	$125.00	$30,000.00
13	2503.503	18" RC PIPE SEWER CLASS V	LF	8	$65.00	$520.00
14	2521.518	6" CONCRETE WALK	SF	520	$12.00	$6,240.00
15	2531.618	TRUNCATED DOMES	SF	120	$45.00	$5,400.00
16	2564.602	INSTALL SIGN	EACH	11	$200.00	$2,200.00
17	2573.502	STORM DRAIN INLET PROTECTION	EACH	2	$150.00	$300.00
18	2573.502	CULVERT END CONTROLS	EACH	7	$160.00	$1,120.00
19	2574.507	COMMON TOPSOIL BORROW	CY	1660	$35.00	$58,100.00
20	2575.505	SEEDING	ACRE	0.6	$2,000.00	$1,200.00
21	2575.508	SEED MIXTURE 25-151	LBS	72	$8.50	$612.00
22	2582.518	CROSSWALK PAINT	SF	180	$6.00	$1,080.00
					SUBTOTAL	*$292,997.00*
					10% CONTINGENCY	*$29,299.70*
					TOTAL	***$322,296.70***

Civil Engineering Site Design

118 East Broadway St., PO Box 566, Monticello MN 55362
Phone: 763-314-0929 www.civilesd.com

December 30, 2019

City of Hanover
Attn: Brian Hagen
11250 5th Street NE
PO Box 278
Hanover, MN 55341

Re: Response to City Staff Comments
Mahler Aggregate Mine Expansion
Hanover, MN

This letter is written with item by item responses to city staff comments dated 12/12/2019 by Collaborative Planning, LLC and comments dated 12/10/2019 and 12/12/2019 by WSB. Responses are in *italic* text. Plans with revision date 12/26/19 address comments as appropriate, unresolved or items in process are noted accordingly.

Collaborative Planning, LLC Comments dated 12/12/2019:
(review of submitted plans dated 12/02/2019)

1. Engineering comments will be included within a separate memo.

   Response: Acknowledged.

2. The City Council will need to have discussions related to whether they are interested in participating in the improvement of 15th Street under terms such as those included in the narrative from the applicant.

   Response: Since initial IUP submittal and project narrative dated 09/26/2019 there has been discussion about 15th Street at the Council meeting 11/19/2019 and Planning Commission meeting 12/19/2019. Additional work has been completed to verify the existing conditions of 15th Street and determine appropriate actions to reconstruct the road to achieve a 10-ton design.

   Also since initial IUP submittal there have been refinements to the plans and additional analysis to clarify and confirm projected quantity yield. Initial projected yield data did not include estimated recycle material and did not include a bank volume to loose volume conversion factor. Incorporating these items results in an increase to the projected quantity yield to 6.8M cy. A

summary of expected aggregate material yield generated by Fehn Companies is attached as Attachment A.

The following is from the 09/26/2019 narrative with updates (strike-through edits) to reflect current project quantity yield and updated comments regarding street reconstruction funding.

Existing 15th Street is in poor condition and needs improvement. The city of Hanover collects an aggregate tax at a rate that equates to $0.135 per cubic yard ($0.05/cy Fehn to City; $0.085/cy Fehn to Wright County to City) of material mined and hauled off-site. City of Hanover Fund #409 Mahler Pit – 15th Street Improvement Fund has a collected balance of $94,832.55. An additional $15,000 +/- is anticipated to be deposited for 2019 resulting in a fund balance of approximately $110,000.00.

It is estimated that mine expansion will yield 6.8 ~~5.5~~ million cy resulting in future deposit of $918,000 ~~$742,500.00~~ (6.8M ~~5.5M~~ x $0.135) to 15th Street Improvement Fund. Total aggregate tax collected to end of mining operations would then be $1,028,000 ~~$852,500.00~~ ($110,000.00 + $918,000 ~~$742,500.00~~).

Improvement of 15th Street between River Road NE/Lander Avenue NE and Wright Co Hwy 19 is proposed as follows:

- Spring or early summer 2020; Fehn Companies undertake reclaim existing bituminous and pave with new 4" ~~5"~~ depth bituminous pavement (design and costs as approved by city engineer)
- Reclaim/repave estimate $200,000.00
- City contribute $100,000.00 from 15th Street Improvement Fund
- Fehn Companies contribute $100,000.00 +/- balance
- City refund aggregate tax collected on annual basis to Fehn Companies until $100,000.00 construction cost amount is repaid

At end of mining operations, a balance of $828,000 ~~$652,500.00~~ is estimated to be available in the 15th Street Improvement Fund for future reconstruction of the road.

There has been discussion of additional construction improvements to 15th Street beyond that necessary for mining activities. The additional construction improvements are pedestrian trail and turn lanes on 15th Street at Co Hwy 19. In reconstruction of this road, there needs to be recognition and accountability of other operators and other users. St Michael owns half of the road, other mining operations use this road, Hanover industrial park businesses use this road, and residences from both Hanover and St Michael use this road. The Mahler Aggregate Mine operation is a small component of overall traffic

generators that use this road. Analysis of the traffic study data indicates the Mahler operation generates approximately 5% to 10% of the peak hour overall traffic on 15th Street during the construction season, and is close to 0% during the non-construction season. The traffic study does not indicate improvements are warranted due to the Mahler operation.

The traffic study analysis of the 2040 condition concluded to the following: "The congestion experienced during the arrival peak hour is expected to be a result of increased background traffic volumes and not a result of the proposed development."

It is our position that improvements such as pedestrian trail and turn lanes should be completed due to the background traffic regardless of whether the Mahler Aggregate Mine proceeds forward, and that both the cities of Hanover and St. Michael should fund these improvements accordingly.

3. The notes for the buffer should be on Sheet C2.0 should be amended to state that construction of the other perimeter buffers shall be constructed not later than within one year of the date the City enters into a development agreement for adjacent property to be developed.

   Response: Buffer notes on C2.0 have been modified accordingly.

4. Location and maximum height of stockpiles need to be shown on the plan, storage for concrete awaiting recycling/crushing, as well locations where equipment that has the potential for significant noise will be located (such as a crusher).
   Response: Graphic information has been added to the plan to clarify approximate locations of screener equipment, aggregate material stockpiles, recycle material stockpiles, and crusher equipment. Equipment and stockpiles will move across the site in conjunction with mining operations.

5. A landscape plan should be submitted.

   Response: A landscape plan has been incorporated as plan sheet C6.0. The landscape plan identifies areas that are intended to be restored and utilized for agriculture production and identifies areas that are intended to be restored with vegetative ground cover with seed mix identified.

6. An access easement on adjacent property will be required for the existing haul road out of the site. Please provide documentation that an easement exists.

   Response: Applicant is in process of coordinating with adjacent property owner for easement.

WSB Comments dated 12/12/2019:
(review of submitted plans dated 12/02/2019)

Narrative/Misc. Documents

1. As shown in the memorandum prepared by Haugo GeoTechnical Services, the material underneath the bituminous surface of 15th Street NE does not meet the requirements for MnDOT Class 5 material. As a result, the reduced Granular Equivalency (GE) provided by this material would impact the effective GE for the full depth reclamation (FDR) materials resulting in a lower than expected GE. Please see the attached memorandum titled "Pavement Design Recommendation Mahler Mine Expansion, 15th Street NE, Hanover".

   Response: Acknowledged. See additional comments regarding this item on pages 6 and 7 of this letter.

2. Based on the above comment, provide a detailed engineer's estimate for the proposed street improvements costs for 15th Street NE.

   Response: 15th Street construction estimate has been updated based on discussion at Council meeting 11/19/2019 and Planning Commission meeting 12/19/2019. See additional comments regarding this item on pages 6 and 7 of this letter.

3. Provide the earthwork calculations for expected aggregate material yield in order to justify the future deposit into the Street Improvement Fund.

   Response: Attached is a summary of expected aggregate material yield generated by Fehn Companies. See Attachment A.

4. The reclamation costs provided appear to include quantity for 4" of topsoil where a minimum 6" of topsoil is required.

   Response: Attached is an updated reclaim cost estimate. See Attachment B. A topsoil depth of 6" has been incorporated.

5. The reclamation costs do not include mulch across the site, disking, or erosion control blanket on the steep slopes as called out in the Vegetation Ground Cover Schedule on the End Use Plans.

   Response: Attached is an updated reclaim cost estimate. See Attachment B. Cost for mulch with disc anchoring has been incorporated. The end use plans do not produce steep slopes that require blanket for erosion control.

6. The quantity or unit cost of seeding should be increased to account for re-seeding areas that fail to germinate.

   Response: Attached is an updated reclaim cost estimate. See Attachment B. Cost for 1-year guarantee of seed germination and/or reseeding has been incorporated.

7. The reclamation costs do not include costs to construct the additional stormwater ponding under the transmission wires.

   Response: Cost for ponding under transmission wires is not appropriate at this time. Operations/excavation will not progress to the transmission lines until Phase 4 and Phase 5 with estimated time frame of 2031-2039. Operations/excavation will remain in Phase 1 for the next 2-3 years.

Stormwater Management

1. A NPDES Nonmetallic Mining/ Associated Activities General Permit will be required prior to the start of any mining activities per the EAW.

   Response: Fehn Companies has secured the required NPDES Nonmetallic Mining permit referenced. The Mahler Site is included as one of the locations on the permit. See Attachment C for copy of the first 3 pages of the issued permit. A complete copy of the permit can be forwarded upon request.

2. An operations and maintenance plan for the stormwater management system should be provided.

   Response: City to provide template document for modification to address this item. The document will be edited as appropriate for the stormwater components of this site.

3. As noted in the EAW, the site will be required to meet the City's rate control requirements. The subwatershed discharging to the northwest must not exceed 0.1 cubic feet per second per acre of drainage for the 1-, 10-, and 100-year 24-hour MSE 3 storm events, and the 100-year 10-day snowmelt event. Although the existing discharge from this area may exceed this level, the improvements made to the site necessitate conformance to City rate control requirements.

   Response: Previous review/discussion with city engineering staff resulted in understanding that stormwater discharge in northwest area where there is no disturbance or mining activity can remain at existing condition.

4. The cells of the proposed infiltration basin noted as a stormwater pretreatment basin are shown to infiltrate in the HydroCAD model. Although this basin may provide infiltration potential based on the underlying soils, the nature of a

pretreatment basin is to capture particulates. This area should not be shown to infiltrate in the HydroCAD model.

Response: The Drainage Analysis report has been updated with revision date 12/26/2019 and is being submitted in conjunction with the updated plans and this letter. The HydroCAD model has been updated with the infiltration component removed from the calculations. The modification results in no change to the drainage design. Updated water elevation data has been incorporated on the plans.

5. Add pipe information for FES-C to FES-B to the operations phase storm sewer plan sheet.

   Response: The pipe information has been added to plan sheet C5.1.

Proposed Operations Plans

6. Proposed grading contours are shown extending onto the adjacent property to the north. Provide approval from the adjacent property owner to the north for the proposed grading and coordinate proposed grading operations with the adjacent property owner as described in the note on sheet C2.0.

   Response: Applicant is in process of coordinating with adjacent property owner for approval. It is understood that no mining operations can occur on adjacent property until adjacent property owner approval is secured.

WSB Comments dated 12/10/2019:
(review of submitted plans dated 12/02/2019)

Summary of recommendation regarding 15th Street reconstruction is as follows:

There are two pavement designs that we would recommend. The first design would be to perform a 10-inch FDR with an application of 2 inches of Class 6 material to increase the amount of crushed material in the FDR. The total section of the FDR would be 12 inches, and with 4 inches of bituminous this should yield a total GE of 21. Another alternative would be to conduct a 9-inch FDR and increase the bituminous thickness to 5 inches, which yields a GE of 20.25.

Response: Applicant concurs that 15th street should be reconstructed. The road is in very poor condition. The 15th Street construction estimate has been updated based on discussion at Council meeting 11/19/2019 and Planning Commission meeting 12/19/2019.

Preferred option is full depth reclaim (FDR) of existing bit and base material as necessary to achieve 12.0 inch base section. Testing is to be completed to confirm

material meets MnDOT specifications. Incorporate additional Class 6 material only if needed to achieve MnDOT gradation specification.

See Attachment D for the updated construction cost estimate generated by North Valley Inc. dated 12/30/2019. The updated estimate includes estimated quantities, unit pricing, and total costs.

The updated cost estimate for FDR with 4.0 inch bituminous pavement is $180,332.43. Additional cost for 2.0 inch Class 6 material is $16,983.00 and would then result in a total cost of $197,315.43.

Collaborative Planning, LLC Comments dated 12/12/2019:
(IUP conditions of approval)

Select conditions as follows;

E. General Conditions, Item 9:
The Operator shall pay a Haul Fee of $.05 per cubic yard of material directly to the City. This fee shall be paid for all material exported from the site, and shall also be paid round-trip for material brought to the site for recycling and crushing. Repairs to 15th Street shall be funded by said Haul Fee and shall be conducted by the City following completion of the mining operation or earlier based on the recommendation of the City Engineer. Said Haul Fee shall be used for any and all necessary repair to streets caused by or resulting from the mining operation and for any other lawful purpose as solely determined by the City.

Response: Applicant concurs with haul fee at $0.05 per cubic yard paid to the city for material processed and exported from the site. The fee should not apply to material imported to the site.

E. General Conditions, Item 12:
Prior to accepting fill material onto the Subject Property, the Operator will identify the source of imported material and assess the potential for contamination. This assessment will include contacting the source site owner/operator to ascertain whether any known contamination exists and reviewing available environmental documents (Phase I ESA, etc.). If the history of imported soil is not so documented, sampling and laboratory analysis of the soil will be required to demonstrate compliance with the Soil Reference Value (SRV) limits prior to the material being unloaded at the Subject Property. [SRVs are numerical values representing the amount of chemical in soil that is safe for people who use the site. These values are determined by the MPCA using calculations provided by the US EPA]. The reclamation fill cannot contain chemical constituents of concern that exceed the limits specified for the MPCA's Tier I SRV. Documentation of investigation and test results of imported fill will be provided to the City within ten days of the Operator receiving the

environmental review documents or test results.

Response: Applicant proposes testing of imported materials be completed at time of reclaim. Soil sample locations are to be based on a 300 ft by 300 ft grid of the reclaim area. At each grid location, soil sample is to be obtained for each 3 vertical feet of imported fill material. All soil samples are to be laboratory tested to confirm compliance with the Soil Reference Value (SRV) limits established by the MPCA. Copies of test locations and test results are to be submitted to the city. Fill material not in compliance with SRV shall be removed from the site and replaced with acceptable material. Testing shall be completed as necessary to confirm limits of removal of non-compliant material.

II. MINE OPERATIONS B. Hours of Operation, Item 1:
All Mining Operations on the Subject Property and entry and exit of trucks hauling materials shall be permitted on Monday through Friday from 7:00 A.M. to 7:00 P.M.

Response: As discussed at Planning Commission meeting 12/19/2019, hours of operation to include Saturday 7:00am to 2:00pm with limitation to loading and hauling. No crushing or processing of materials allowed on Saturday.

IV. WATER QUALITY AND QUANTITY 4. Petroleum or chemical storage tanks and equipment, Item c:
Fueling stations, vehicle maintenance stations, petroleum and chemical storage shall be located on an impervious or paved surface.

Response: Fuel management will be conducted in compliance with MPCA requirements with liners and spill cleanup equipment onsite. Petroleum products such as diesel fuel will be stored onsite in a double-walled 500-gallon above-ground fuel tank. Small amounts of other liquid lubricants (grease, lubricating oils, etc.) will be stored onsite in a closed, lockable container such as a semi-trailer. Fuel tank and storage container will move with aggregate processing equipment. If petroleum products are spilled onsite, the applicant will immediately respond to the spill with absorbent materials and other clean up equipment to contain the spill. Any spill contaminated aggregate materials will be removed from the site and deposited in an MPCA approved facility.

Please do not hesitate to contact me with any questions regarding the responses to comments and/or revised plans.

Sincerely,
Civil Engineering Design, LLC

Scott Dahlke
Professional Engineer

Attachments:

A – Aggregate Material Yield Quantity
B – Reclaim Cost Estimate
C – NPDES Permit
D – 15th Street Estimate

Cc: File 00722

FEHN COMPANIES

Mahler Aggregate Mine Expansion Quantities

4,447,000	Cubic Yards - See Attached Take-Off Dated 10/31/19
755,000	Cubic Yards - See Attached Take-Off Dated 11/18/19
5,202,000	Total Bank Cubic Yards
x 1.12	Conversion from Bank Cubic Yards to Loose Cubic Yards
5,826,240	Total Loose Volume Cubic Yards
1,000,000	Cubic Yards of **Recycling****
6,826,240	Total Estimated Cubic Yards of Sand, Gravel, & Recycle Hauled Out Over the Life of the Mahler Aggregate Mine

****Recycling**

50,000	Approximate Annual Cubic Yards Quantity
20 Years	Approximate Life of the Mahler Aggregate Mine
1,000,000	Estimated Cubic Yards Hauled Over the Life of the Mahler Aggregate Mine

ATTACHMENT A
PAGE 1 of 3

Job: Mahler 10-31-19
Units: Ft-CY
Thu Oct 31, 2019 08:46:23 Page 1

9-13-19 Plan

Volume Report
Operations vs. Existing

	Area				Volume		Comp/Ratio		Compact		Export	Change
	Total	Cut	Fill	OnGrade	Cut	Fill	Cut	Fill	Cut	Fill	-Import	Per .1 Ft
Job Site	6,608,392	5,538,595	854,567	215,230	4,447,606	151,196	1.00	1.00	4,447,606	151,196	4,296,410	24,476

ATTACHMENT A
PAGE 2 of 3

Job: End Use
Units: Ft-CY
Mon Nov 18, 2019 07:33:50 Page 1

Volume Report
End Use vs. Operations

	Area				Volume		Comp/Ratio		Compact		Export	Change
	Total	Cut	Fill	OnGrade	Cut	Fill	Cut	Fill	Cut	Fill	-Import	Per .1 Ft
Job Site	6,588,193	1,884,202	4,270,834	433,157	755,664	523,532	1.00	1.00	755,664	523,532	232,132	24,401

ATTACHMENT A
PAGE 3 of 3

Cost Reclaim Mahler Mine As Is Today

Grading* 30,000 cubic yards @ $1.00 =$30,000

Respread*14,600 cubic yards @ $ 1.00=$14,600

Seeding* 18 acres @ $550 = $9,500

Total $54,100

Phase 1 Reclamation

Grading 30,000 cubic yards @ $1.00 =$30,000

Respread 30,700 cubic yards @ $1.00 =$30,700

Seeding* 38 acres @ $550=$20,500

Total $81,200

Our estimated timeframe in Phase 1 is 3-4 years

*See attached quantity takeoff which includes 6" topsoil respread, includes seed, mulch and a 1 year guarantee.

ATTACHMENT B
PAGE 1 of 2

Job: Reclaim Existing 12-16-19
Units: Ft-CY
Mon Dec 16, 2019 09:31:08 Page 1

Volume Report
Subgrade vs. Existing

		Area			Volume		Comp/Ratio		Compact		Export	Change
	Total	Cut	Fill	OnGrade	Cut	Fill	Cut	Fill	Cut	Fill	-Import	Per .1 Ft
respread topsoil	786,266	342,942	411,556	31,768	29,931	30,803	1.00	1.00	29,931	30,803	-872	2,912

Sectional Qtys	Plane Area	Slope Area	Depth	Volume
respread topsoil	786,266	788,079	0.500	14,594

ATTACHMENT B
PAGE 2 of 2

MINNESOTA POLLUTION CONTROL AGENCY

National Pollutant Discharge Elimination System/State Disposal System

MNG490204

Permittee:	Fehn Companies, Inc.
Facility name:	Fehn Companies, Inc.
City or Township:	Albertville, **County:** Wright
Issuance date:	December 1, 2017
Expiration date:	May 31, 2022

The state of Minnesota, on behalf of its citizens through the Minnesota Pollution Control Agency (MPCA), authorizes the Permittee to operate a disposal system at the facility named above and in accordance with the requirements of this permit.

The goal of this permit is to reduce pollutant levels in point source discharges and protect water quality in accordance with the U.S. Clean Water Act, Minnesota statutes and rules, and federal laws and regulations.

This permit is effective on the issuance date identified above. This permit expires at midnight on the expiration date identified above.

Signature: Jeff Udd

This document has been electronically signed.

for the Minnesota Pollution Control Agency

Jeff Udd, P.E.
Supervisor, Water Quality Permits Unit
Water Section
Industrial Division

Submit eDMRs
Submit via the MPCA Online Services Portal at
https://netweb.pca.state.mn.us/private/

Submit other WQ reports to:
Attention: WQ Submittals Center
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Questions on this permit?
For eDMR and other permit reporting issues, contact:
Sheri Woitalewicz, (507) 476-4271

For specific permit requirements please refer to:
Kaitlin Jamieson, (651) 757-2306

Wastewater Permit Program general questions, contact:
MPCA, 651-282-6143 or 1-800-657-3938.

ATTACHMENT C
PAGE 1 of 3

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2. Permit requirements 4
3. Submittal action summary 36
4. Limits and monitoring 37

ATTACHMENT C
PAGE 2 of 3

1. Summary of stations and station locations

Station	Type of station	Local name	PLS location
LA 001	MNG49 Wastewater	Carlson Site (J1-1442)	T119N, R26W, S23, NE Quarter of the NE Quarter
LA 002	MNG49 Wastewater	Holthaus Site (J1-1442, J2-1429)	T121N, R25W, S28, NE Quarter
LA 003	MNG49 Wastewater	Mahler Site (J1-1442, J2-1429)	T120N, R23W, S30, SW Quarter of the NW Quarter
SD 002	MNG49 Stormwater, Non-specific	Carlson Site (J1-1442)	T119N, R26W, S23, NE Quarter of the NE Quarter
SD 003	MNG49 Stormwater, Non-specific	Holthaus Site (J1-1442, J2-1429)	T121N, R25W, S28, SE Quarter of the NE Quarter of the SE Quarter
SD 004	MNG49 Stormwater, Non-specific	Mahler Site (J1-1442, J2-1429)	T120N, R23W, S30, SW Quarter of the NW Quarter

ATTACHMENT C
PAGE 3 of 3

NORTH VALLEY inc
20015 Iguana Street NW, Suite 100
Nowthen, MN 55330
(763) 274-2580 Fax (763) 274-2584

Contact: **LES BLOOM**
Phone:
Fax:

Quote To: FEHN COMPANIES
Phone:
Fax:

Job Name: 15TH STREET-ST. MICHEAL
Date of Plans: 12/30/2019
Revision Date:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	MOB	1.00	LS	4,172.22	4,172.22
20	RECLAIM 12"	6,935.00	SY	2.23	15,465.05
30	PREP	26.00	RS	490.12	12,743.12
40	2" SP 9.5 WEAR 240C (R)	765.00	TN	86.68	66,310.20
50	TACK COAT	555.00	GAL	3.78	2,097.90
60	2" SP 12.5 WEAR 240C (R)	765.00	TN	86.86	66,447.90
65	2' SHOULDERING 4" THICK	255.00	TN	37.80	9,639.00
70	TRAFFIC CONTROL	1.00	LS	972.29	972.29
80	STRIPING (LATEX PAINT ONLY)	1.00	LS	2,484.75	2,484.75
	TOTAL BASE BID				**$180,332.43**
100	ADD 2" CL-6	765.00	TN	22.20	16,983.00
	TOATL ALT. 1				**$16,983.00**
GRAND TOTAL					**$197,315.43**

NOTES:

BOND IS INCLUDED, CANNOT DEDUCT FOR ONE
NO TRAFFIC CONTROL
PRICE INCLUDES TAX
RETAINAGE HELD PER OWNERS SPECIFICATIONS
THIS QUOTE IS PER THE AGC STANDARD SUB-CONTRACT AGGREEMENT FOR HIGHWAY/HEAVY-INDUSTRIAL DIVISION (1956 EDITION, REVISED 1966, REVISED 1980 AND RIDER 1986 REVISION)
UPON REQUEST, NORTH VALLEY, INC. SHALL BE PROVIDED WITH THE LEGAL DESCRIPTION OF THE PROPERTY, THE NAME AND ADDRESS OF THE OWNER.
NORTH VALLEY, INC. SHALL NOT BE OBLIGATED TO COMMENCE OR CONTINUE SUBCONTRACT WORK UNLESS ADEQUATE ASSURANCE OF PAYMENT IS RECEIVED.
QUOTE MAY BE WITHDRAWN IN TEN DAYS.
RESPONSIBLE CONTRACTOR DOCUMENTATION AVAILABLE UPON REQUEST.
BID IS FOR ITEMS AND MATERIALS LISTED ABOVE ONLY.

ATTACHMENT D
PAGE 1 of 1

ASPHALT
100% RECYCLABLE

Affirmative Action / Equal Opportunity Employer

Memorandum

To: Nick Preisler

From: Thomas Wood

Date: December 10, 2019

Re: Pavement Design Recommendation Mahler Mine Expansion, 15th Street NE, Hanover MN

WSB Project No. 014135-000

The following existing pavement structure is based on information supplied by Haugo GeoTechnical Services. The existing pavement structure has an average of 5.6 inches of bituminous pavement over an average of 6.3 inches of silty sand with one boring showing clayey sand. Civil Engineering Site Design, LLC provided a proposed pavement section design recommending 4 inches for new bituminous pavement over 12 inches of full depth reclamation (FDR), which they believe would supply a Granular Equivalency (GE) of 21 exceeding the GE requirements (19.7) for this roadway.

We have the following concerns. The aggregate underneath the existing bituminous does not meet the requirements for MnDOT Class 5 material and is classified as silty sand with areas of clayey sand. If 12 inches of reclamation is performed, there is a chance of introducing underlying materials that could contaminate the reclaimed material thus reducing the structural value of the pavement. Having not being able to review the cores taken in order to identify the amount of aggregate in the existing bituminous mix and amount of crushing present. We are basing our assumption that this mix was made using either the MnDOT's 2331 or 2350 specification, which did not have strict requirements for crushing. Hence, if the material underlying the aggregate layer is being included in the 12 inches of FDR, there could be stability issues. This could reduce the effective GE for the FDR materials causing the pavement to possibly fail prematurely.

There are two pavement designs that we would recommend. The first design would be to perform a 10-inch FDR with an application of 2 inches of Class 6 material to increase the amount of crushed material in the FDR. The total section of the FDR would be 12 inches, and with 4 inches of bituminous this should yield a total GE of 21. Another alternative would be to conduct a 9-inch FDR and increase the bituminous thickness to 5 inches, which yields a GE of 20.25.

Feel free to contact me to discuss this memo or any other issues.

701 XENIA AVENUE S | SUITE 300 | MINNEAPOLIS, MN | 55416 | 763.541.4800 | WSBENG.COM

Collaborative Planning, LLC

MEMORANDUM

TO:	Honorable Mayor and Council
FROM:	Cindy Nash, AICP, City Planner
DATE:	January 2, 2020
SUBJECT:	**Mahler Aggregate Mine Expansion** for (1) Interim Use Permit
APPLICANT:	Fehn Companies
LOCATION:	Generally located east of River Road
COMP PLAN:	Single-Family Residential
DEADLINE:	January 25, 2020 (has already been extended 60 days)

Description of Request

Fehn Companies has submitted an application for an Interim Use Permit to permit aggregate mining. The mining operations consists of approximately 155 acres and is located east of River Road.

Documents Reviewed

The following documents were reviewed in preparation of this staff memo:

Mahler Aggregate EAW (available on City website)
IUP Narrative
Site plans prepared by Civil Engineering Site Design dated 12/02/19, revisions dated 12/26 (not yet reviewed by staff so while those plans are included in the packet the staff report and conditions have not been updated to address these)
Dust Control Plan
Concept Lot Plan
Wetland Notice of Decision
Soil Borings
Water Table Data
Mahler Pit Berm Vegetation Seed Mix
Viewshed Analysis

Item 1: Interim Use Permit

Public Hearing: October 28, 2019 Planning Commission

Request

The Developer is requesting an Interim Use Permit to allow mineral extraction on property zoned R-1. Mineral Extraction may be permitted as an interim use in all zoning districts, and is regulated under Section 10.72 of the Zoning Ordinance.

Property owners within ¼ mile were notified of the public hearing as required by ordinance.

Analysis

The proposed plans were reviewed by the City Engineer and City Planner for compliance with the City ordinances. If the plans are revised to address the comments in the memos prepared by the Engineer and the Planner, the plans would be substantially compliant with City ordinances.

There are several items that should be discussed by the Planning Commission and/or City Council however, while the plans are being revised:

1. 15th Street – Fehn companies has proposed within their narrative that the City utilize funding that was previously received by or will be received in the future from Fehn Companies related to fees for the use of roads. The existing Interim Use Permit Agreement contains the following language:

   > J. Property Owner shall pay a Haul Fee of $.08 ($.03 collected through Wright County and $.05 paid directly to the City) per yard of material that is hauled by truck over City streets. Repairs to 15th Street NE shall be funded by said Haul Fee and shall be conducted by the City upon completion of the mining operation or earlier based on the recommendation of the City Engineer. Said Haul Fee shall be used for any and all necessary repair to streets caused by or resulting from the mining operation and for any other lawful purpose as determined by the City.

   The city currently has approximately $95,000 in this fund. At their November 19th meeting, the City Council had a preliminary discussion on 15th Street and safety improvements and directed the City Engineer to investigate various options for improvements and to bring back more information to them. Please review the separate memos related to 15th Street for more information on this item.

2. Screening/Berming – Full review of the adequacy of the screening/berming will be completed when revised plans are submitted that contain the information on stockpile

heights as well as a landscape plan. Based on the viewshed analysis, stockpile heights would be 30 feet high, so a maximum height has been added as a proposed condition. In addition, due to the difficulty of growing trees on the top of berms, the developer will be proposing that the berm and outside perimeter of the site consist of a prairie grass mix.

3. Concept and End Use Plan – This plan is meant to be purely conceptual, and is not necessarily how the site will redevelop in the future. However, by comparing this to the reclamation grades one can make some preliminary assumptions about how feasible redevelopment of the site will be. Since the October Planning Commission meeting, the Developer has coordinated with the City Engineer to adjust reclamation grades to better meet the intent of the City's ordinances.

4. Hours of Operation – The developer has requested that they be allowed to haul material out on Saturdays, but no mining or processing activity would be conducted on Saturdays. This is in conflict with the Zoning Ordinance. The Planning Commission discussed this generally and would be amenable to considering Saturday hours for hauling purposes only from 7 a.m. to 2 p.m. However, this is not allowed by the ordinance and would require either a variance or an amendment to the Zoning Ordinance. The Developer has been advised and it is our understanding they will be applying for an amendment to the ordinance.

Recommendation

The items contained in the comment memos from the City Engineer and City Planner can be addressed by the applicant. However, the plans as they are today are not recommended to be approved by the City Council without first addressing those comments. **The Developer submitted revised plans on December 30, 2019 which are included in the packet, but these plans have not yet been reviewed by the City Engineer and City Planner. As such, the comment memos in the packet are based on the previous set of plans.**

The City Council should review the application and provide guidance on whether a resolution for approval or denial should be prepared for the January 21st meeting (or a later meeting if the deadline for consideration has been extended by the applicant in writing).

The Planning Commission recommended approval subject to the following conditions:

1. City Council determination of improvements necessary to 15th Street and identification of funding. At a minimum, the Planning Commission recommended that turn lanes on 15th Street at the intersection with County Road 19 and a trail on 15th Street be considered.
2. Crushing operations for the recycled materials shall always be located in Phase I.

3. Limit the IUP to a 10-year term.
4. Conditions in the planner memo.

Conditions on an Interim Use Permit can mitigate for many of the impacts that a development may have on the community. A draft list of potential conditions for review and discussion are as follows (and have been updated from the Planning Commission memo to reflect comments made by the Planning Commission and the City Engineer). Additional conditions related to 15th Street would have to be added to this list.

I. GENERAL CONDITIONS

A. Legal Compliance:

1. Prior to the start of any activities and initial work at the Subject Property and prior to the start of each year's operations, Fehn Companies, Inc. and _____ hereinafter "Operator," "Permittee," or "Permit Holder" shall obtain any required Federal, State, County, City and other local permits for each operation and/or construction activity, including, but not limited to, from the Minnesota Pollution Control Agency ("MPCA"), Minnesota Department of Natural Resources ("DNR"), Minnesota Department of Health ("MDH"), City, and any other applicable government agency, as applicable to each operation and/or construction activity. Operator shall submit evidence of having obtained all required permits to the City for its review and approval, prior to any Mining Operations (as hereinafter defined).

   Further, prior to the start of each year's operations, the City shall review Mining Operations to determine continued compliance with specific IUP requirements. If the City reasonably determines that work on the Subject Property does not comply with specific IUP requirements, the City shall provide written notice to the Permit Holder specifying any asserted non-compliance and the Permit Holder shall have twenty-one days from the date of such notice to cure any asserted non-compliance. In the event the City reasonably determines that Permit Holder has not remedied the specified non-compliance upon expiration of such cure period, then the City may, at its option, refuse to allow continued Mining Operations under this IUP until the Permit Holder so complies and/or take any other action allowed by law. Upon the City's demand, the Permit Holder shall cease all work until there is compliance as reasonably determined by the City. All costs of the City associated with any permit review and submission of monitoring reports to the City shall be the sole responsibility of the Permit Holder.

2. Permit Holder shall comply with all applicable Federal, State, and City ordinances, statutes, rules, regulations and permits including, but not limited to, those of the U.S. Army Corps of Engineers ("Corps"), Environmental Protection Agency ("EPA"), MPCA, MDH, DNR, and other regulations and standards applicable to the mining operation ("Regulatory Authorities").

3. The IUP for aggregate mining and processing operations shall comply with the plans and mining narrative collectively referred to as the "Approved Plans" which are all incorporated herein by reference. The Operator shall have the right to request modifications, as appropriate, to the Approved Plans so long as such modifications continue to substantially comply with the Approved Plans. All modification requests must be made to the City in writing. City staff shall have the authority to determine whether changes requested by the Operator substantially comply with the Approved Plans. If the Approved Plans vary from the written terms of this IUP, the terms that are the most conservative and restrictive shall control unless otherwise agreed to in writing by City staff. The Approved Plans are as follows:

   {INSERT LIST OF APPROVED PLANS}

B. Permit Review:

1. This IUP shall be reviewed periodically, as provided by the City Zoning Ordinance and may be amended at any time as allowed by applicable laws, ordinances, and regulations in the event that the City Council, through the proper public hearing process as provided for in the Zoning Ordinance, reasonably determines that the actual operations of the mine on the Subject Property present a material adverse impact to health and/or human safety that relates specifically to the Mining Operations on the Subject Property and is not able to be addressed or mitigated through the Approved Plans identified above or the provisions of this IUP.

2. Prior to February 1 each year, Operator shall prepare an Annual Certificate of Permit Compliance for the mine on the Subject Property for submission to the City.

3. Any Operator proposed modifications to Approved Plans required in this IUP shall be included in the Annual Certificate of Permit Compliance and shall not take effect until such proposed modifications to the Approved Plans are approved in writing by the City

C. Incorporation of Environmental Assessment Worksheet & Environmental Impact Statement:

1. The Environmental Assessment Worksheet ("EAW") and comments related to the use of the Subject Property for Mining Operations and impacts on the Subject Property and surrounding areas received were reviewed by the City Council on September 17, 2019. The City Council considered the comments and staff response to comments and the proposed Findings of Fact and Conclusions and determined that the EAW was adequate and approved a negative declaration on the need for an Environmental Impact Statement. The EAW, comments, staff responses to comments, and Finding of Fact and Conclusions presented to and adopted by the Board on September 17, 2019 are hereby incorporated by reference to be used as an evidentiary document that outlines potential traffic and environmental issues. The Operator will use these documents as a resource when working with the appropriate agencies in permit applications and in the event that any findings outlined in the documents become realized.

D. Costs:

All costs associated with permit review and testing and preparation for and submission of monitoring reports to the City and any other Regulatory Authority requesting monitoring reports shall be the sole responsibility of the Operator. All costs associated with remediation activities and development and operation of the site in compliance with the Approved Plans shall also be the sole responsibility of the Operator.

Operator shall reimburse the City for all administrative, legal, planning, engineering and other professional costs incurred in the creation, administration, execution and approval of this IUP prior to any Mining Activities commencing on the Subject Property. Further, Operator shall reimburse all reasonable engineering expenses incurred by the City in designing, approving, constructing, installing, and inspecting the road rights-of-way and other infrastructure improvements described in the Approved Plans.

All unpaid EAW or IUP escrows owed to the City, if any exist, shall be paid prior to any Mining Activities commencing on the Subject Property. The Operator shall maintain a $5,000 escrow to cover City staff time reviewing and responding to all monitoring reports and testing throughout the duration of this IUP.

Any invoice from the City shall be paid by the Operator within 30 days of invoice date.

E. General Conditions:

1. Operator shall identify in writing an officer within the company, together with his or her title and 24-hour contact information, for the City or for any Regulatory Authorities to contact regarding concerns regarding the operations of the mine, or this IUP. The assigned person shall respond to all non-emergency inquiries during normal business hours, within 48 hours of being notified of the inquiry. Inquiries deemed to be an emergency by the City shall be responded to immediately.

2. This IUP is issued specifically to Fehn Companies, Inc and _____.

3. Mining, for the purposes of this IUP, will be limited to dirt moving, berm construction, pond construction, overburden removal, drilling, stripping, filling, digging, dredging, crushing, screening, processing of mined aggregate as defined in MS § 298.75, subd. (a) , processing and stockpiling of recycled concrete and asphalt, loading and on-site movement of materials, clearing, sodding, mobilization of equipment, and sale and removal of sand and aggregate material ("Mining Operations"). Any activity not included in the prior sentence shall require prior written approval of the City. Mining Operations does not include the initial starting of equipment to warm it up.

4. All signage on the Subject Property shall conform to the City Zoning Ordinance.

5. The Subject Property shall be maintained in a neat and orderly manner.

6. All mobile equipment, vehicles and miscellaneous storage associated with the Mining Operations on the Subject Property shall be screened from view of surrounding properties . Only equipment used in the Mining Operations shall be allowed to be stored on the Subject Property.

7. Stockpiled topsoil shall remain on the property in an amount sufficient to re-spread not less than six (6) inches across the entire property.

8. The Operator shall provide to the Wright County the appropriate quarterly reports and payments due for aggregate production tax "gravel tax" in accordance with MS §298.75. Any report and payment not received by Wright County, within fourteen days following the end of each quarter, shall be subject to penalties pursuant to MS § 298.75, subd. 5.

9. The Operator shall pay a Haul Fee of $.05 per cubic yard of material directly to the City. This fee shall be paid for all material exported from the site, and shall also be paid round-trip for material brought to the site for recycling and crushing. Repairs to

15th Street shall be funded by said Haul Fee and shall be conducted by the City following completion of the mining operation or earlier based on the recommendation of the City Engineer. Said Haul Fee shall be used for any and all necessary repair to streets caused by or resulting from the mining operation and for any other lawful purpose as solely determined by the City.

10. A hazardous waste license shall be obtained if required by Wright County. Best Management Practices shall be implemented limiting onsite maintenance of equipment.

11. Truck traffic shall comply with the haul route approved, which shall be 15th Street to CSAH 19. 15th Street shall meet a 10-ton standard as required by the Zoning Ordinance. Any improvements to 15th Street shall be constructed at the sole expense of the Operator. {Note: This would be in compliance with the ordinance but is not consistent with the narrative provided by the applicant. The City Council will need to determine how to proceed with this item if the IUP is approved by the City Council.} Such construction shall occur prior to commencing Mining Operations unless otherwise agreed to in writing by the City.

12. Prior to accepting fill material onto the Subject Property, the Operator will identify the source of imported material and assess the potential for contamination. This assessment will include contacting the source site owner/operator to ascertain whether any known contamination exists and reviewing available environmental documents (Phase I ESA, etc.). If the history of imported soil is not so documented, sampling and laboratory analysis of the soil will be required to demonstrate compliance with the Soil Reference Value (SRV) limits prior to the material being unloaded at the Subject Property. [SRVs are numerical values representing the amount of chemical in soil that is safe for people who use the site. These values are determined by the MPCA using calculations provided by the US EPA]. The reclamation fill cannot contain chemical constituents of concern that exceed the limits specified for the MPCA's Tier I SRV. Documentation of investigation and test results of imported fill will be provided to the City within ten days of the Operator receiving the environmental review documents or test results.

13. Excavated soils and imported soils to be used for site reclamation will be required to be stockpiled outside of the 100-year floodplain and protected from erosion to preclude sediment impacts on the Crow River.

14. All solid or hazardous waste generated on the Subject Property shall be properly disposed of per the requirements of Regulating Authorities. No dumping of solid or hazardous waste materials will be allowed at the Subject Property.

15. Prior to commencement of Mining Operations, Operator shall install screening, approved by the City, which includes vegetation and berms as shown on the Approved Plans where necessary to screen the Mining Operations from public view. Installation of screening shall be as set forth in the Approved Plans so as to screen Mining Operations from public view to the extent reasonably possible. The screening shall remain in place at all times until Mining Operations cease.

16. At such time as adjacent properties are being developed for residential purposes (if this occurs), the perimeter berms shall be installed within one year of the date the City of Hanover executes a development agreement for an adjacent property. Stockpiles shall not exceed 30 feet in height and shall be maintained in such locations that they are not visible from public roadways or adjacent residential properties.

17. This IUP does not authorize the production of asphalt or concrete on the Subject Property.

18. Issuance of this IUP does not preclude the City from, in the future, adopting ordinances, rules and standards which are more stringent than those in place as of the issuance of this IUP and enforcing such ordinances, rules and standards.

19. If any provision(s) of this IUP is determined to be unenforceable by a court of competent jurisdiction, the remaining provisions shall remain valid and enforceable.

20. Issuance of this IUP does not release the Operator, its successors and assigns, from any applicable obligation, duty, liability, or penalty imposed by law, statute, ordinance, rule, or regulation, except the obligation to obtain this IUP.

21. The issuance of this IUP does not create, and the City does not assume, any liability for damages to persons, property or the environment caused by the activities of the Operator, its successors and assigns, on the Subject Property, including any activities or operations undertaken pursuant to this IUP.

II. MINE OPERATIONS

A. Setbacks:

Mining Setbacks: For the Subject Property, Mining Operations, including removal of overburden, shall be setback a minimum distance as described below, except for where the City has approved a lesser distance on the northern border of the subject property to blend the Mining Operations into the existing Mining Operations in the City of St. Michael**.**

1. Material processing including recycled concrete and asphalt shall not be conducted within 250 feet from a property line nor within 500 feet to any residential structure.

2. Mining Operations shall not be conducted closer than two hundred (200) feet to any residence or residential zoning district boundary existing on the approval date of the Interim Use Permit.

3. Mining Operations shall not be conducted within one hundred (100) feet of any property line, or within one hundred (100) feet of the right-of-way line of any existing or proposed street. Side slopes of the Mining Operations shall be in conformance with the Approved Plans.

4. Crushing of material shall only be permitted in Phase I.

B. Hours of Operation:

1. All Mining Operations on the Subject Property and entry and exit of trucks hauling materials shall be permitted on Monday through Friday from 7:00 A.M. to 7:00 P.M. {Note this is in compliance with the ordinance but is different than requested by the applicant in their narrative.}

2. Mitigation measures necessary to control fugitive dust and other nuisances may be conducted at any time, including weekends and holidays and in accordance with the Approved Plans.

C. Noise:

3. The Operator shall obtain a noise analysis by a third-party qualified noise consultant approved by the City at the request of the City after Mining Operations begin and when processing equipment is less than five hundred (500) feet from a noise receptor to ensure that State noise standards are met. The City may require additional noise analysis at Operator's expense, but not more than twice annually. The noise analysis will be submitted to the MPCA and the City.

4. Use of all production equipment in the Mining Operations at the Subject Property will be designed to meet the Federal and MPCA noise standards at the nearest receptor. The Operator will be notified in the event City staff

receives a complaint regarding noise generated by Mining Operations. The Operator shall address all noise violations within 24 hours and report back to the City.

5. Operator shall exercise its best efforts to control noise to minimum practical levels. Backup horns, bells, strobe lights, and other warning devices shall be adjusted to the minimum level required by law. Further, Operator shall use broadband or white noise backup alarms on all of its mobile equipment.

D. Air Emissions Permit:

If required by the MPCA, a Total Facility Operating Permit for Mining Operations located on the Subject Property shall be secured before Mining Operations commence. Operator shall comply with all terms and conditions of such permit.

E. Inspections:

The Subject Property and Mining Operations shall be available for inspections by the City, within normal company working hours (7:00 A.M. to 7:00 P.M. Monday through Friday) upon eight-hour advance notice to the Operator. Any inspectors must identify themselves to an employee of the Operator before entering onto the Subject Property and must be escorted by an employee of the Operator at all times to ensure the safety of the inspectors. Inspectors shall receive hardhats, safety glasses and reflective vests from the Operator upon arrival. Inspectors will be required to provide all other safety equipment they may desire or that may be required in compliance with the applicable State and Federal laws and regulations.

III. SURFACE WATER QUALITY AND QUANTITY

A. Surface Water Quality:

1. Operator shall comply with all provisions of their National Pollutant Discharge Elimination System (NPDES) Permit (as amended, replaced or renewed by the MPCA) for the Subject Property and the Mining Operations thereon. A copy of the current construction storm water and/or industrial storm water/NPDES permit(s) shall be provided by Operator to the City to be kept on file for review by City officials or the public.

2. Storm water runoff from the Subject Property to surrounding properties shall not exceed predevelopment runoff rates based on 2, 10, and 100-year storm events. All

areas used to convey storm water runoff shall be covered by permanent, dense vegetative cover or other permanent structural controls.

3. Operator shall implement, during all phases of the project, all applicable Best Storm Water Management Practices (BMPs), as may be necessary, to protect surface water quality. These BMPs include, but are not limited to, the following:

    a. All berms shall be seeded with vegetation as defined in the approved RMP & NPDES permit in a timely manner after completion of berm construction.

    b. Reclamation shall proceed in accordance with the Approved Plans in a continuous manner consistent with the phasing of Mining Operations on the Subject Property.

    c. Stormwater ponds and infiltration areas shall be constructed within the mining area as identified in the RMP.

IV. WATER QUALITY AND QUANTITY

1. Dewatering of the mine is not allowed.

2. Mining Operations shall not be closer than ten feet to the water table except for construction of stormwater ponding as shown on the Approved Plans.

3. Operator shall provide a copy of the Annual Report required in the Industrial Stormwater permit to the City by February 1 of each year.

4. Petroleum or chemical storage tanks and equipment.

    a. No diesel or petrochemical powered dredging equipment shall be located in the flood plain to prevent contamination from diesel leaks, spills, and exhaust.

    b. No petroleum based or chemical products shall be stored in the 100-year flood plain including petroleum fuel tanks on mobile equipment.

    c. Fueling stations, vehicle maintenance stations, petroleum and chemical storage shall be located on an impervious or paved surface.

    d. Above ground petroleum tanks shall be equipped with secondary containment structures or double-walled tanks as approved by the MPCA. An impervious

surface shall be provided for parking of any mobile refueling trucks or trailers. All spills must be reported to the City, Wright County and the MPCA.

e. Below ground petroleum or chemical storage tanks shall be prohibited.

5. All waste oil products shall be properly recycled.

6. All minimum setbacks, as prescribed by the MPCA and the MDH shall be observed between water wells and petroleum or chemical storage tanks or other potential contaminant sources.

V. RECLAMATION

A. Reclamation Plan:

1. Reclamation shall be in substantial conformance with the Approved Plans.

2. When mining is complete or Mining Operations have ceased for 180 consecutive days in any phase, a registered civil engineer, retained at Operator's expense, shall certify to the City that the Subject Property has been restored in accordance with the Reclamation Plan included within the Approved Plans.

3. Operator shall be ultimately responsible for all means and methods utilized in the implementation of all mining, processing and reclamation plans. Reclamation fill within areas designated as building pads and roadways will be compacted in lifts to at least 95 percent of Standard Proctor maximum dry density.

4. At the conclusion or interruption of the Mining Operations for more than 180 consecutive days, all processing facilities and equipment shall be removed from the Subject Property. Security for reclamation, as increased over time to reflect inflation or decreased over time to reflect completed reclamation activities, shall remain in place until all processing facilities and equipment are removed.

B. Reclamation Standards:

1. Reclamation shall be conducted in the general sequence and manner as described in the Approved Plans

2. Reclamation shall be on-going with back filling of areas and establishment of vegetation proceeding as soon as practical after a mining area has been completed.

3. Operator shall report all reclamation activities in the Annual Certificate of Permit Compliance. Reclamation security will be reviewed annually and can be amended based on inflation or reclamation activities.

4. Operator shall, at its expense, engage a geotechnical engineer to design and periodically observe the reclamation backfilling and monitoring processes for future building sites. The geotechnical engineer shall provide reports on such activities to the Operator and City.

5. At the conclusion of the reclamation process the Operator's geotechnical engineer must perform a post reclamation evaluation and certify to the City that the reclaimed areas are suitable for the future end use, as defined in the Reclamation Plan included in the Approved Plans for the Subject Property. In the case of future building sites and roadways, the geotechnical engineer must provide certification to the Operator and City that settlements shall not exceed 95 percent of Standard Proctor maximum dry density.

VI. FINANCIAL SECURITIES

The Operator shall provide security for site reclamation in an amount initially established as $_____. The City shall require this security as a Letter of Credit in a form and content reasonably acceptable to the City in its determination. The amount of the security shall be reviewed annually and can be amended based on inflation or reclamation activities as determined by the City.

VII. PERMIT EXPIRATION

A. IUP Expiration:

This IUP shall expire at the earliest event listed below:

1. This IUP is issued to a specific operator/owner. If the operator/owner changes from Fehn Companies, Inc. and _____, this IUP shall become void.

2. This IUP shall expire one (1) year from the date of issuance if the permit is not utilized.

3. This IUP shall expire upon the termination of Mining Operations and all reclamation conditions listed in Condition _____ have been completed to the satisfaction of the City.

4. This IUP shall expire if the NPDES Permit expires, or is revoked or terminated for cause by the MPCA.

5. This IUP shall expire if the IUP is revoked by the City for violations of the IUP's terms and conditions.

6. This IUP shall expire at the conclusion or interruption of the Mining Operations for more than one year and all reclamation conditions listed in Condition _____ have been completed to the satisfaction of the City.

7. This IUP shall expire ten (10) years from the date of issuance.

09/26/2019

Fehn Companies
Gary Fehn
5050 Barthel Ind. Dr
PO Box 256
Albertville, MN 55301
763-497-2428

Project Narrative for Mahler Aggregate Mine Expansion

The project is an expansion of an existing mining operation initially approved by the City of Hanover under an Interim Use Permit (IUP) issued to Mahler Enterprises, LLC for a 37-acre parcel in 2006. The IUP was originally scheduled to expire on December 31, 2012. The Hanover City Council amended the IUP in 2011, 2018, and 2019 with time extensions. The current IUP will now expire December 31, 2019.

Fehn Companies (or associated entity) is in process of acquiring additional adjacent properties resulting in a combined total property area of 184.9 acres, and proposes to expand the existing gravel mine from 25 acres up to 155 acres. The properties and surrounding lands are known for aggregate resources and surface soils are typically sandy loams. The 130-acre mining expansion area is mostly cropland that has been under agricultural use for decades. The eastern boundary of the property abuts the Crow River. Land adjacent to the Crow River will remain unchanged and includes areas of floodplain, natural vegetation, and wetlands. No mining excavation or stockpiling of materials will occur in the floodplain or shoreland area.

Expansion of the existing aggregate mine will be phased over 15 to 20 years, depending on the demand for aggregate and market conditions. All phases of mining will ultimately cover up to 155 acres. Each of five phases will cover about 25 to 40 acres. The number of phases and mining pace will be determined by market demand for mining materials. Mining will generally be phased from the existing mine to the west and then to the south. Stormwater management basins will be constructed as part of first phase excavation and will be configured to remain in place through all phases and reclamation after mining is complete.

Mining is expected to eventually remove approximately 5.5 million cubic yards of aggregate material over the 15- to 20-year project lifespan. Mining will remove sand and gravel to depths between 20 feet and 26 feet. The bottom of the mine surface will be at least 10 feet above the groundwater level. Stormwater ponds, infiltration basins, and wash ponds may be located lower, but will be at least 3 feet above corresponding groundwater levels. A 345-kV overhead transmission line runs diagonally northwest-southeast through the site. Existing transmission line poles will remain in place with mining excavation sloped around poles to maintain support as allowed by Xcel Energy Company. Slopes at edges of mined areas will be as steep as 3:1, but these slopes will be flattened to 5:1 or flatter during reclamation.

Vehicles will access the mine from 15th Street NE, at the intersection of 15th Street and River Road NE/Lander Avenue NE. Traffic generated by the project include employee passenger

vehicles and trucks hauling earthen material. Haul routes will follow county and state roadways that are collectors and arterials as much as possible. The Traffic Study completed as part of the EAW process concluded that area intersections operate at acceptable Levels of Service under existing and proposed (year 2020) conditions. The project is expected to have minimal impact on the area roadway network.

Aggregate mining will be conducted using front-end loader extraction. Material processing may include screening, crushing, washing, and stockpiling. Crushing and screening equipment will be staged in proximity to the mining activity. Material stockpiles will also be created in proximity to the mining activity. Crushing/screening equipment and material stockpiles will move across the site with excavation operations. Material stockpiles will typically be 30-foot maximum height.

The washing operation will recycle with excavated ponds that will typically be filled with 3 to 4 feet of water pumped from an onsite well. The wash plant will include three ponds: an initial pond to catch fine native soil materials and two secondary ponds for water quality treatment and infiltration. Water from the third pond will be reused in wash operations.

Concrete recycling will occur intermittently, about twice per year during the construction season and is not expected to exceed 50,000 cubic yards of recycled material per year. Portable crushing machinery will be positioned at relatively low elevations in the gravel pit to maximize the vertical distance and buffer from neighboring land uses.

Measures to reduce noise and increase screening from neighbors will include 200-foot setbacks from residential zoned property lines, creation of 10-foot high topsoil berms that will deflect noise and provide a visual screening barrier, and placement of the portable crusher equipment at lower elevations. Topsoil stockpiles and berms will be seeded and stabilized to prevent erosion.

There are no permanent structures existing on the property and none are proposed. Temporary structures will be utilized at the site for storage of equipment and operations activities (ie. scale shack, etc.). All temporary structures will be removed at the time of reclamation. Employee vehicle parking will be located adjacent to the temporary structures.

Reclaimed mined areas will be planted to temporary grassland as part of reclamation. Best Management Practices (BMPs) will be implemented to protect water quality and reduce the potential for soil erosion and sedimentation.

Hours of mining operation are proposed as follows:

- Monday through Friday
  - 6:30 am to 7:00 am:
    - employee arrival
    - equipment warmup
    - staging of materials and prepare for loading
  - 7:00 am to 7:00 pm:
    - excavation and crushing production

loading of materials
trucking off-site

Saturday

6:30 am to 7:00 am:

employee arrival
equipment warmup
staging of materials and prepare for loading

7:00 am to 2:00 pm

limited operations to loading and trucking off-site (periodically needed due to construction weather delays during the week)
no crushing, screening, or washing operations

Existing 15th Street is in poor condition and needs improvement. The city of Hanover collects an aggregate tax at a rate that equates to $0.135 per cubic yard ($0.05/cy Fehn to City; $0.085/cy Fehn to Wright County to City) of material mined and hauled off-site. City of Hanover Fund #409 Mahler Pit – 15th Street Improvement Fund has a collected balance of $94,832.55. An additional $15,000 +/- is anticipated to be deposited for 2019 resulting in a fund balance of approximately $110,000.00.

It is estimated that mine expansion will yield 5.5 million cy resulting in future deposit of $742,500.00 (5.5M x $0.135) to 15th Street Improvement Fund. Total aggregate tax collected to end of mining operations would then be $852,500.00 ($110,000.00 + $742,500.00).

Improvement of 15th Street between River Road NE/Lander Avenue NE and Wright Co Hwy 19 is proposed as follows:

- Spring or early summer 2020; Fehn Companies undertake reclaim existing bituminous and pave with new 5" depth bituminous pavement (design and costs as approved by city engineer)
- Reclaim/repave estimate $200,000.00
- City contribute $100,000.00 from 15th Street Improvement Fund
- Fehn Companies contribute $100,000.00 +/- balance
- City refund aggregate tax collected on annual basis to Fehn Companies until $100,000.00 construction cost amount is repaid

At end of mining operations, a balance of $652,500.00 is estimated to be available in the 15th Street Improvement Fund for future reconstruction of the road.

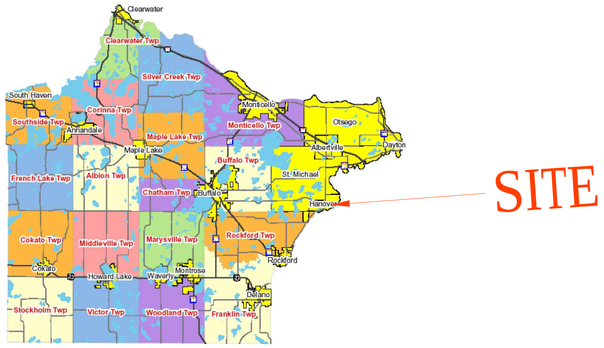
Please contact us with any questions. We appreciate your consideration.

Gary Fehn

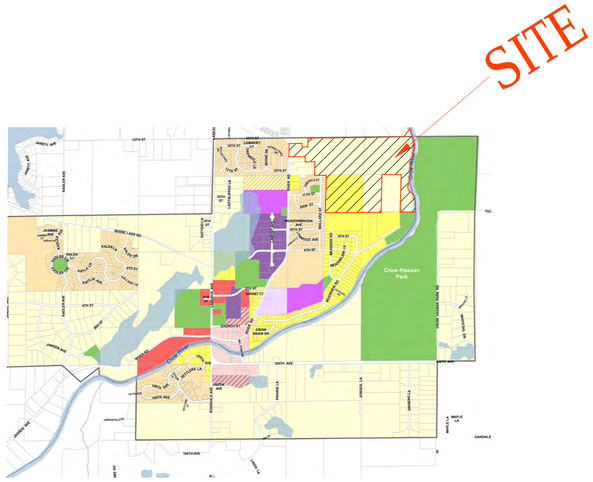
MAHLER AGGREGATE MINE EXPANSION

CITY OF HANOVER, MN

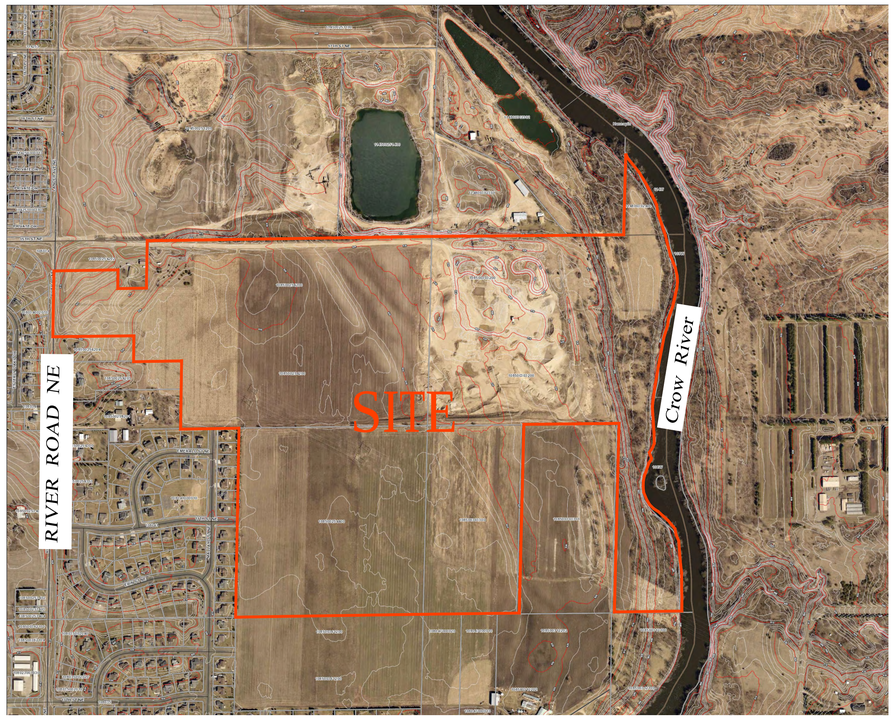
MINNESOTA



WRIGHT COUNTY



CITY OF HANOVER, MN



PROJECT LOCATION

INDEX OF CIVIL SITE DRAWINGS:

C0	PROJECT LOCATION PLAN
C1.0–C1.8	EXISTING CONDITIONS & CROSS SECTION
C2.0–C2.4	PROPOSED OPERATIONS
C3.0–C3.4	END USE PLAN
C4.1–C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1–C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

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Albertville, MN 55301

Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION
SE Quad 15th Street and River Road
Hanover, MN 55341

PROJECT LOCATION PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN

118 East Broadway St.
P.O. Box 1929
Monticello, Mn. 55362
Phone: 763-271-0929
www.civilsd.com

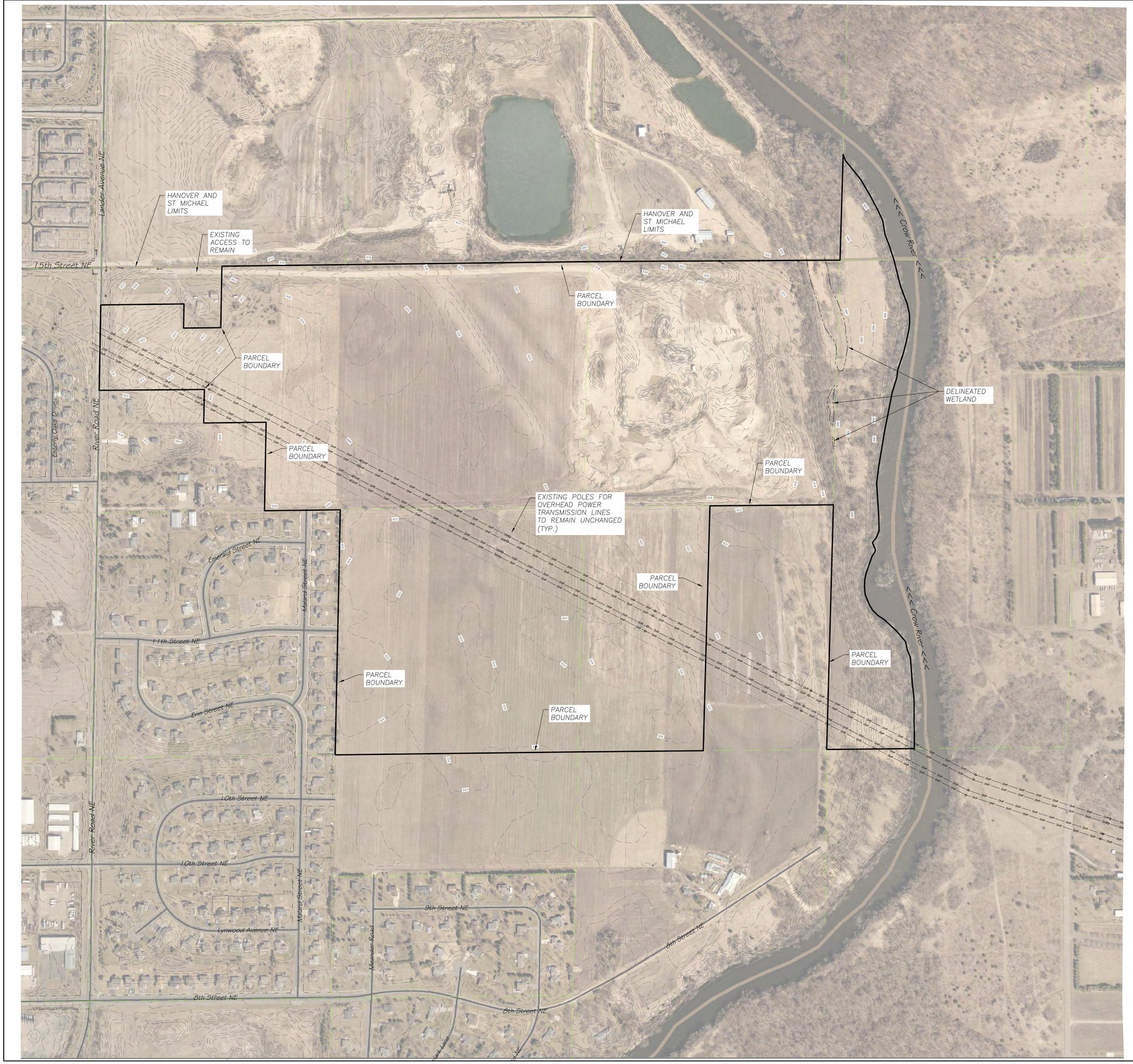
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/13/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES.
12/26/19 INCORPORATE LANDSCAPE PLAN

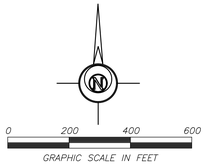
DATE	09/25/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

FILE NO. 00722

C0

Project Location Plan





EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

PAGE LAYOUT:

C1.1	C1.2
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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

EXISTING CONDITIONS
OVERALL LAYOUT

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Date: 12/26/19 Reg. No. 24348

PREPARED BY:

CIVIL ENGINEERING
SITE DESIGN
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www.civilsd.com

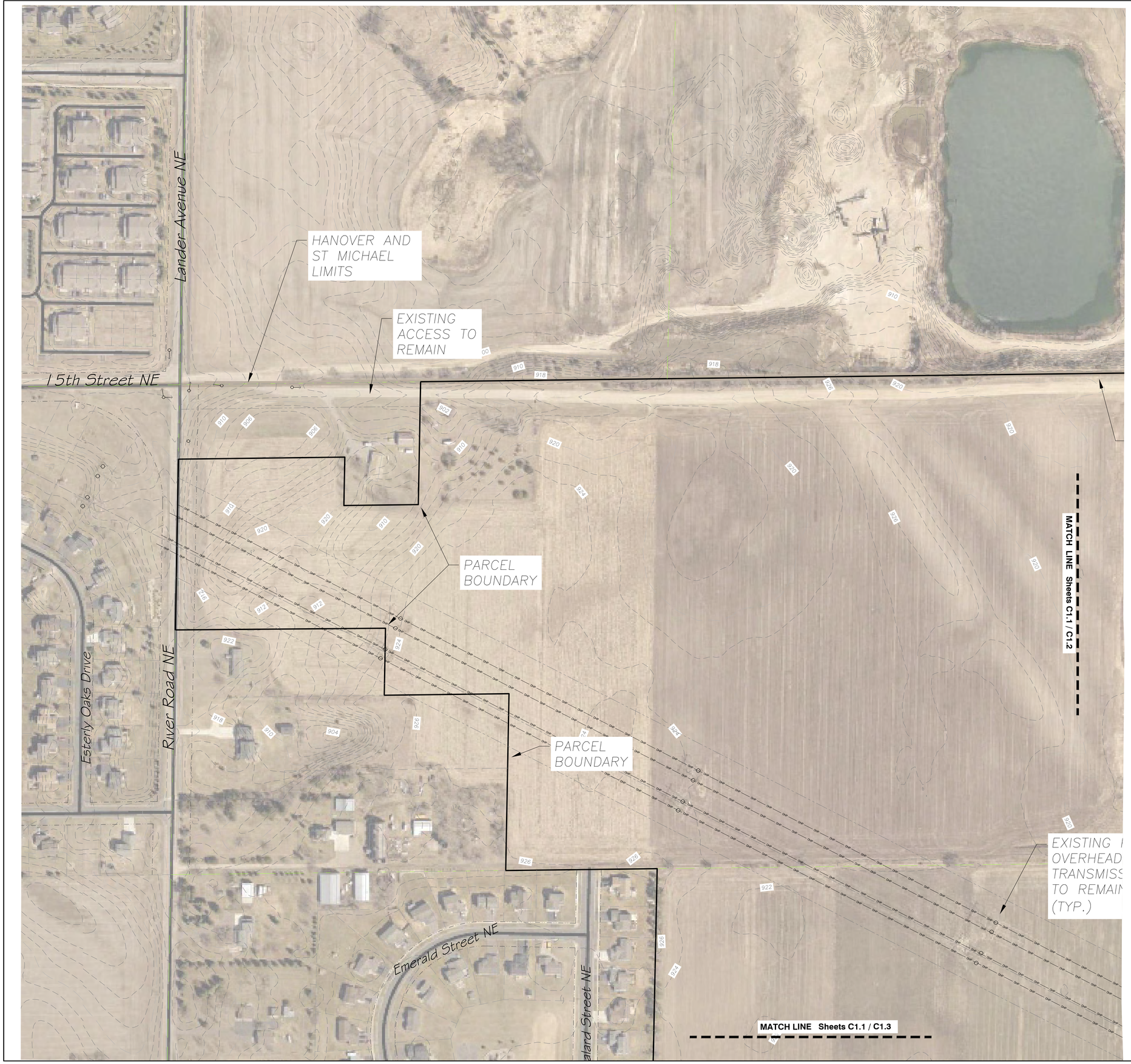
REVISIONS:
11/26/19 END USE CONTOUR MODIFICATIONS
12/03/19 END USE CONTOUR MODIFICATIONS
12/18/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INGRESS/EGRESS, LANDSCAPE PLAN

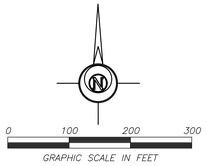
DATE	09/25/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

FILE NO. 00722

C1.0

Existing Conditions
Overall Layout





EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

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C1.3	C1.4

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REVISIONS
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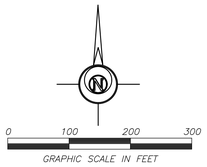
12/13/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/20/19 INCORPORATE LANDSCAPE PLAN

DATE 09/25/19	
DRAWN BY SD	
DESIGNED BY SD	
CHECKED BY SD	

FILE NO. 00722

C1.1

Existing Conditions



EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

PAGE LAYOUT:

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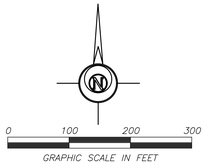
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 UNDERGROUND LANDSCAPE EAW

DATE 09/25/19	
DRAWN BY SD	
DESIGNED BY SD	
CHECKED BY SD	

FILE NO. 00722

C1.2

Existing Conditions



EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

PAGE LAYOUT:

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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

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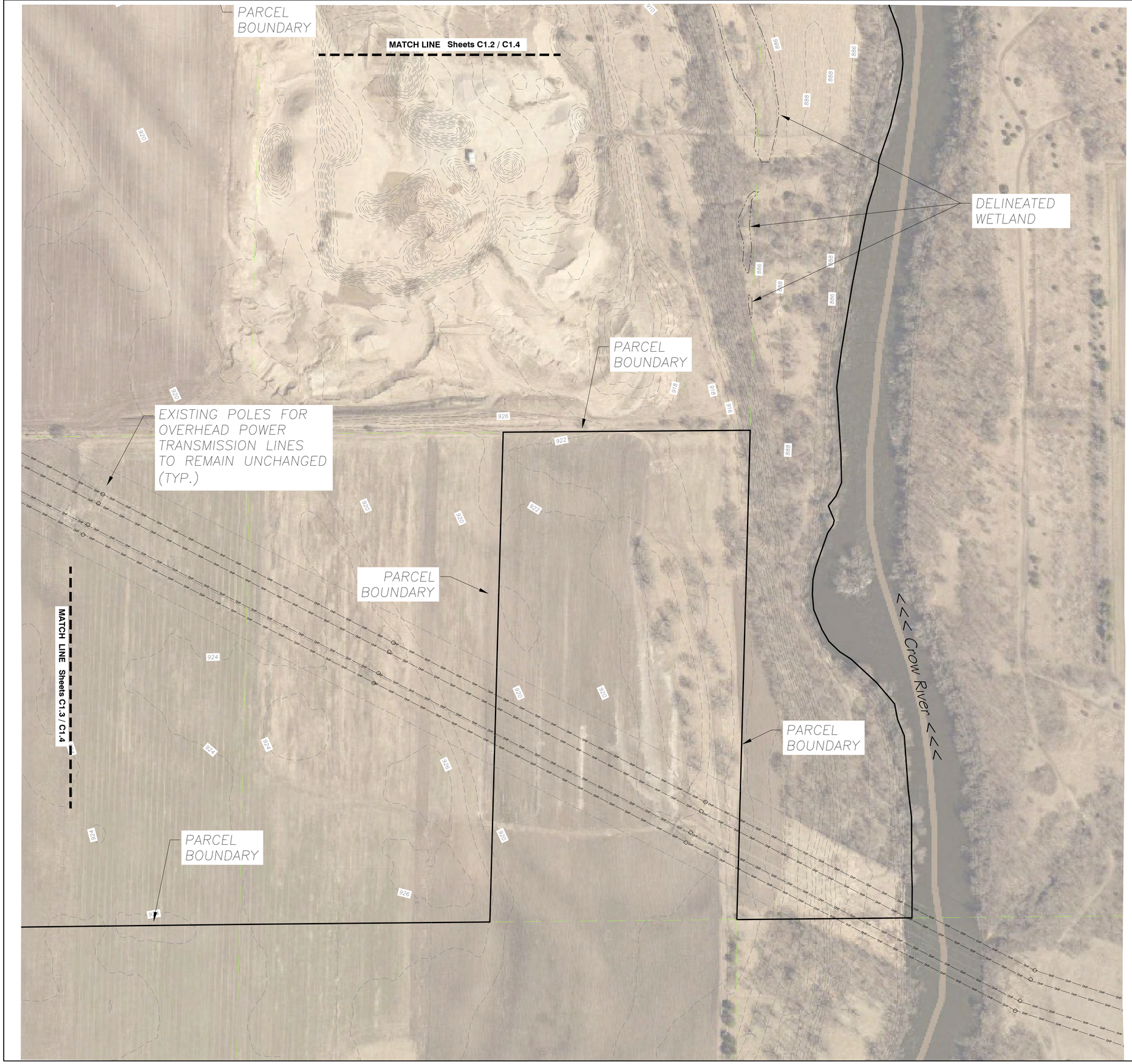
12/13/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES.
12/26/19 INCORPORATE LANDSCAPE PLAN

DATE	09/25/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

FILE NO. 00722

C1.3

Existing Conditions



0 100 200 300
GRAPHIC SCALE IN FEET

EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

PAGE LAYOUT:

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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

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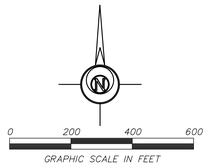
12/26/19 INCORPORATE LANDSCAPE PLAN

DATE	09/25/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

FILE NO. 00722

C1.4

Existing Conditions



SUMMARY OF EVALUATION CRITERIA

TO BE CONSIDERED A BLUFF, ALL OF THE FOLLOWING CRITERIA MUST BE MET:

ANY PART OF BLUFF MUST BE LOCATED WITHIN THE SHORELAND AREA.

TOE OF BLUFF: THE LOWER POINT OF OF A 50–FOOT SEGMENT WITH AN AVERAGE SLOPE EXCEEDING 18 PERCENT OR OHWL, WHICHEVER IS HIGHER.

THE SLOPE RISES AT LEAST 25 FEET ABOVE THE TOE OF THE SLOPE.

THE GRADE OF THE SLOPE ANYWHERE ABOVE THE TOE OF THE SLOPE TO A POINT 25 FEET OR MORE ABOVE THAT POINT AVERAGES 30 PERCENT OR GREATER; EXCEPT THAT AN AREA WITH AN AVERAGE SLOPE OF LESS THAN 18 PERCENT OVER A DISTANCE OF 50 FEET OR MORE IS NOT CONSIDERED PART OF THE BLUFF.

INDEX OF CIVIL SITE DRAWINGS:

C0	PROJECT LOCATION PLAN
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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

CROSS SECTIONS PLAN

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Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN

118 East Broadway St.
P.O. Box 1969
Monticello, Mn. 55362
Phone: 763-295-3929
www.civilsite.com

REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES.
12/26/19 UNDERSIZE LANDSCAPE EAW

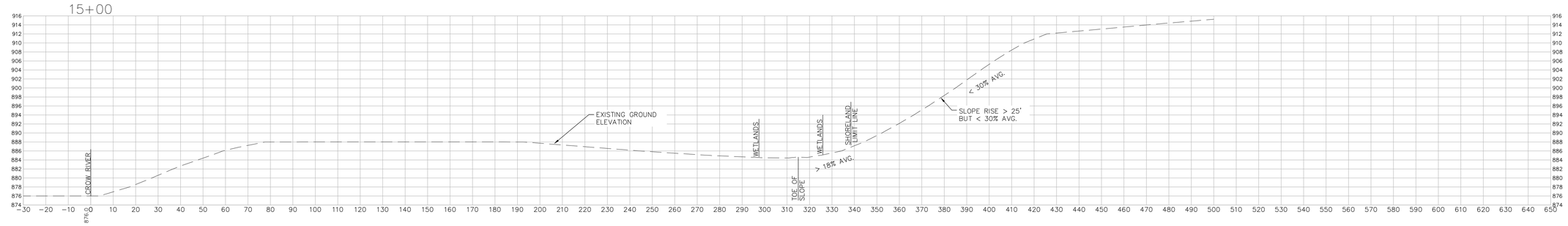
DATE	09/25/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

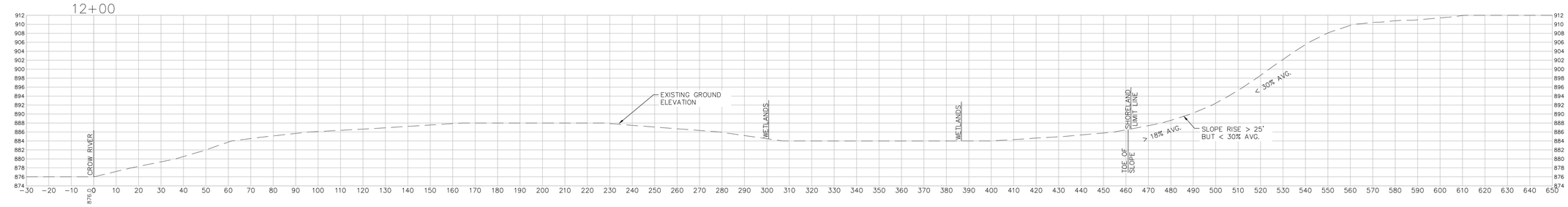
FILE NO. 00722

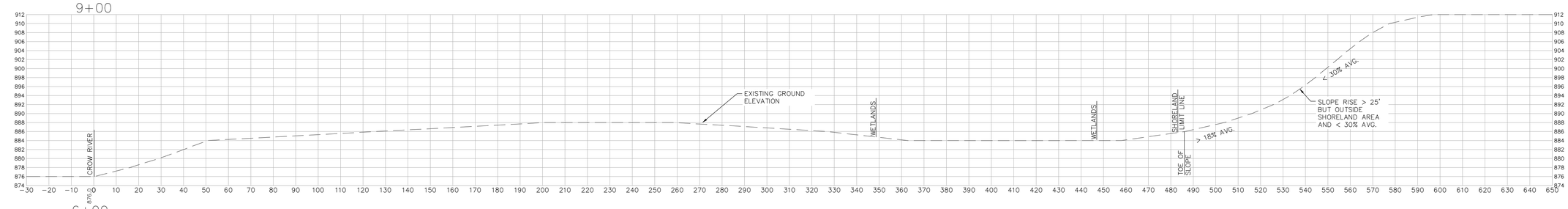
C1.5

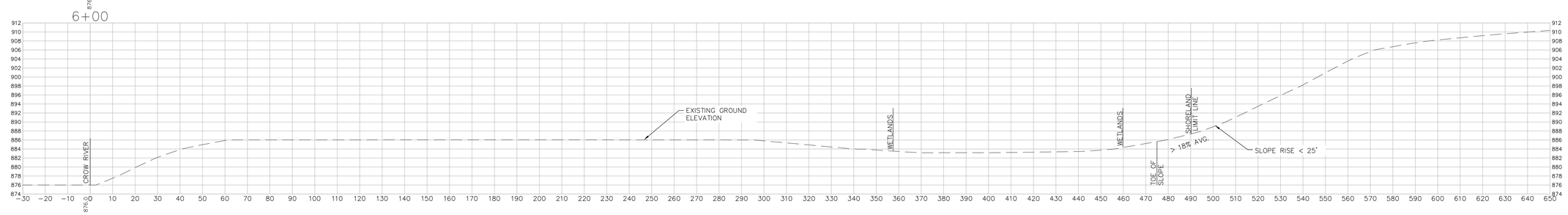
Cross Sections Plan

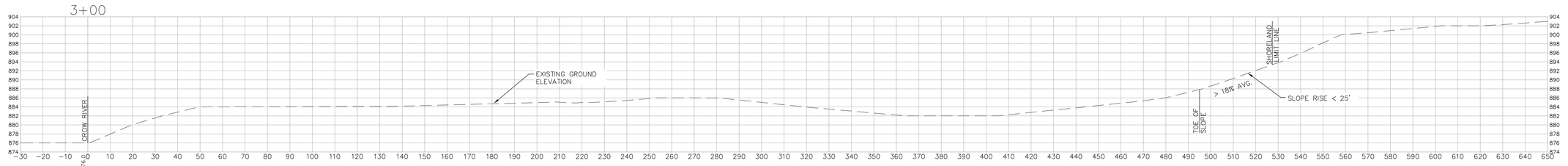
HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=10'

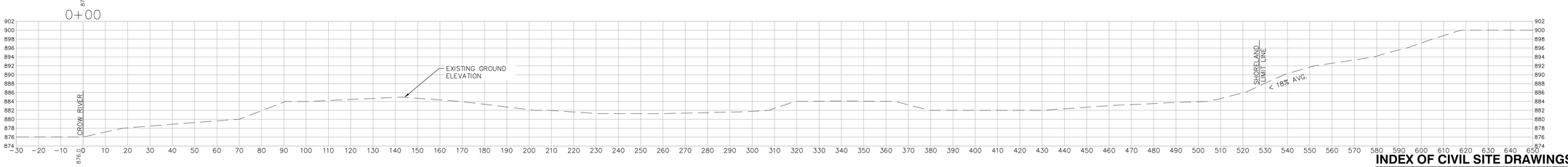












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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
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CROSS SECTIONS

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PREPARED BY: **CIVIL ENGINEERING SITE DESIGN**

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Phone: 763-271-0929
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REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
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12/18/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES.
12/26/19 INDORSEMENT, LANDSCAPE PLAN

DATE 09/25/19	
DRAWN BY SD	
DESIGNED BY SD	
CHECKED BY SD	

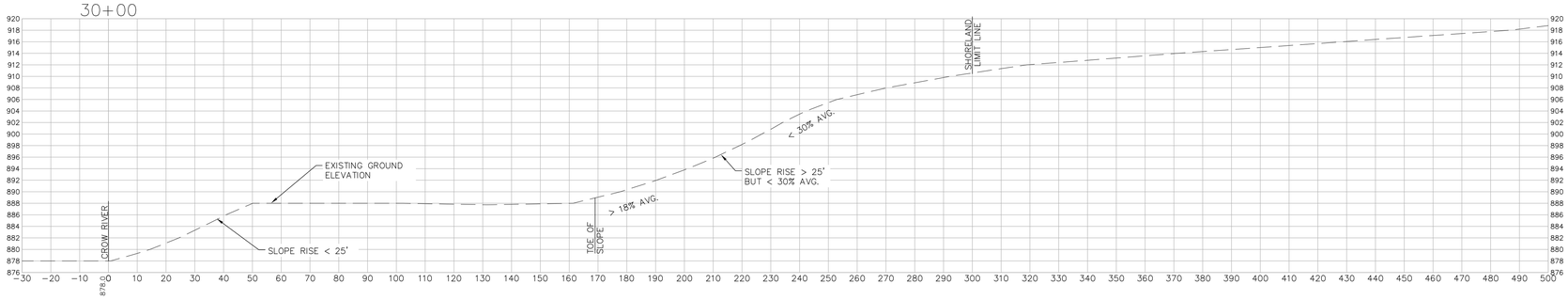
FILE NO. 00722

C1.6

Cross Sections

HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=10'

30+00



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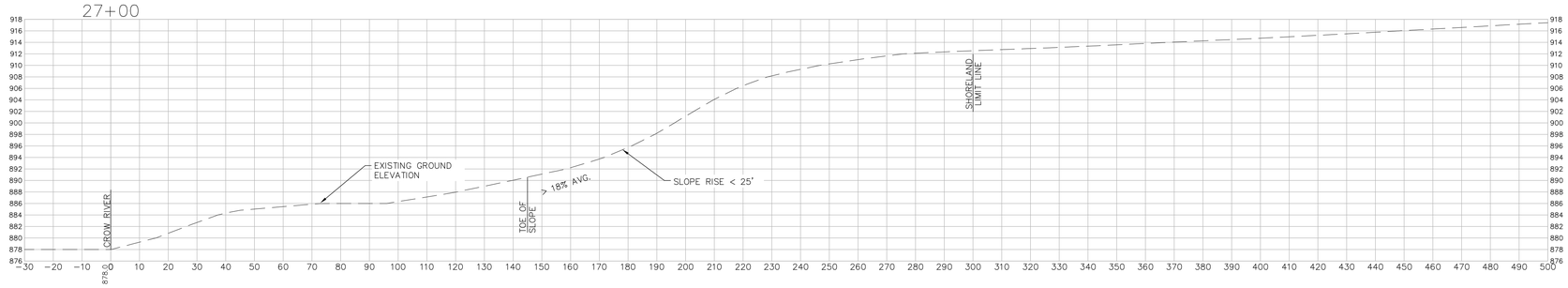

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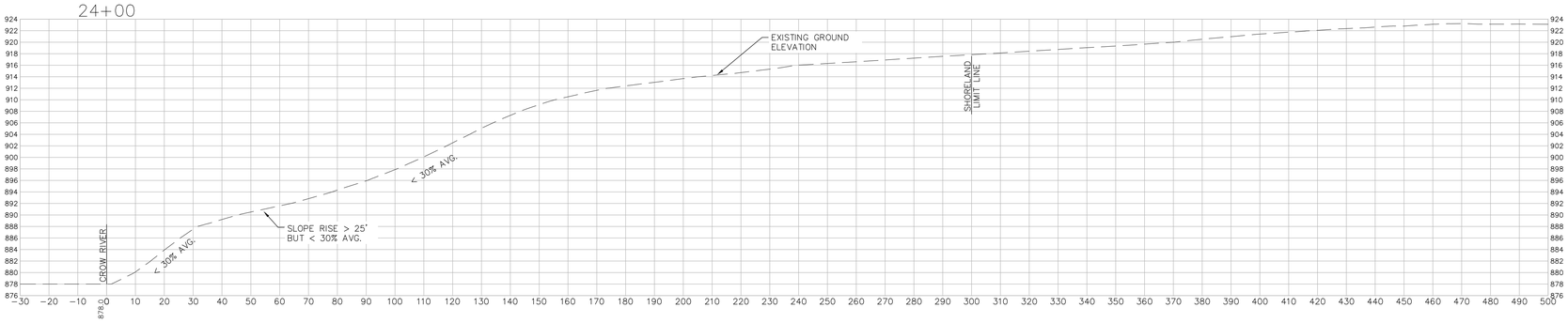

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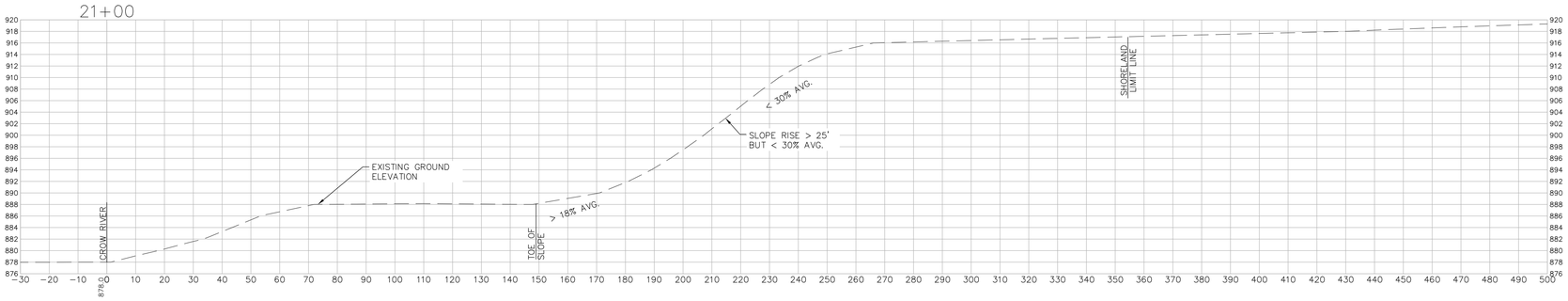

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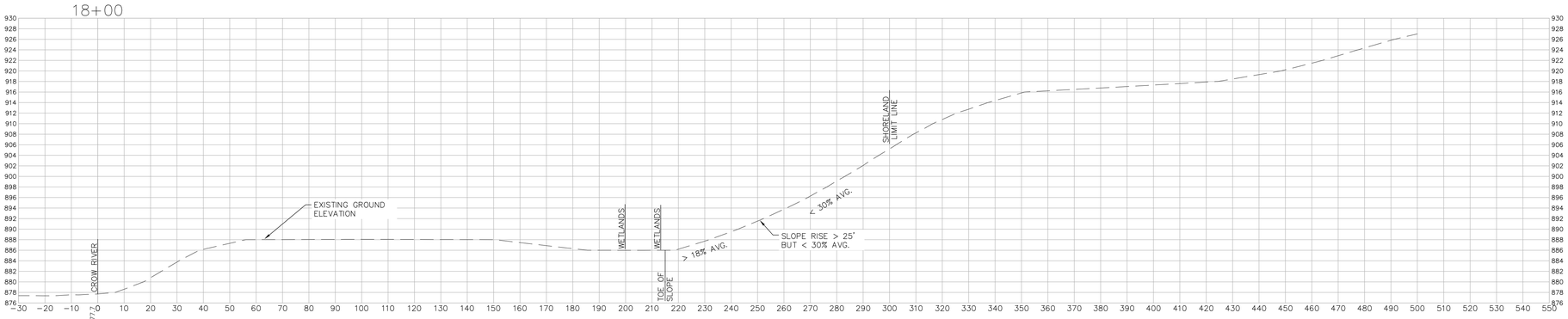


INDEX OF CIVIL SITE DRAWINGS:

C0	PROJECT LOCATION PLAN
C1.0–C1.8	EXISTING CONDITIONS & CROSS SECTION
C2.0–C2.4	PROPOSED OPERATIONS
C3.0–C3.4	END USE PLAN
C4.1–C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1–C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301

Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

CROSS SECTIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: 12/26/19 Reg. No. 24348

PREPARED BY: **CIVIL ENGINEERING SITE DESIGN**

118 East Broadway St.
PO Box 1026
Monticello, Mn 55362
Phone: 763-271-0929
www.civilsd.com

REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/18/19 STOCKPILE LOCATIONS, AND SCREENING BERM NOTES.
12/26/19 INCORPORATE LANDSCAPE PLAN

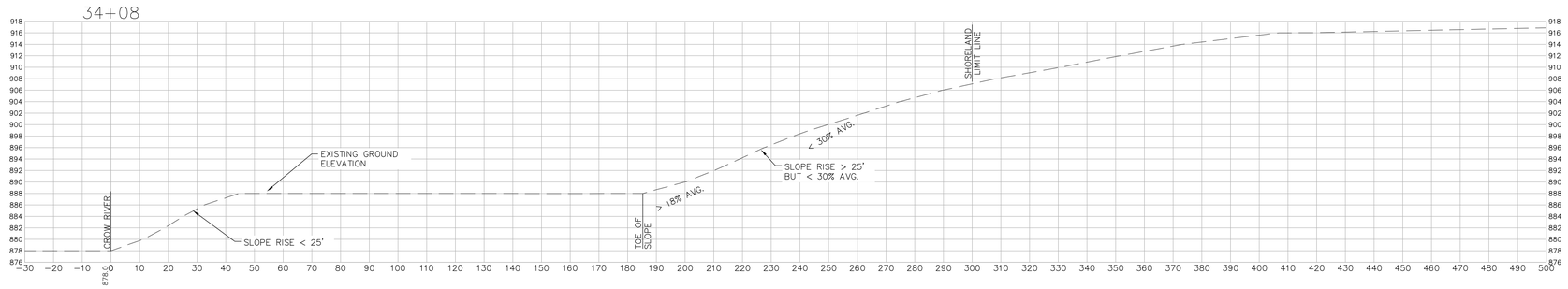
DATE 09/25/19	
DRAWN BY SD	
DESIGNED BY SD	
CHECKED BY SD	

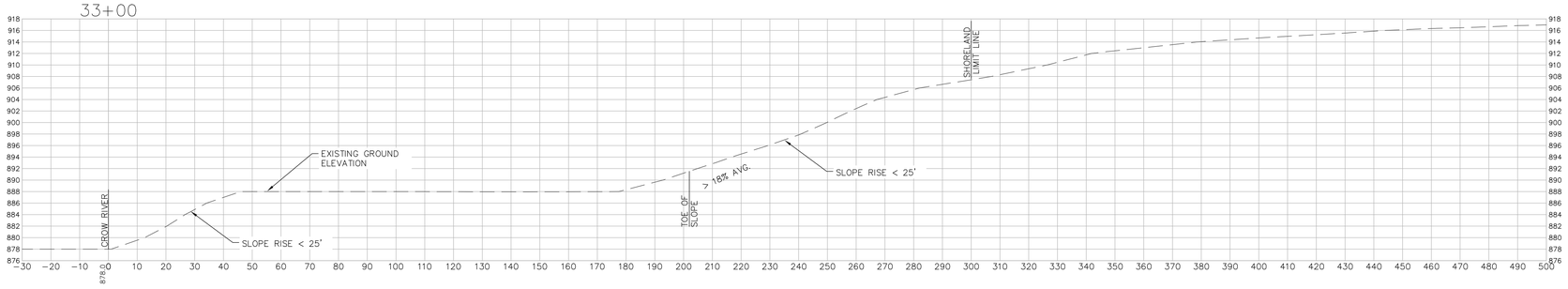
FILE NO. 00722

C1.7

Cross Sections

HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=10'





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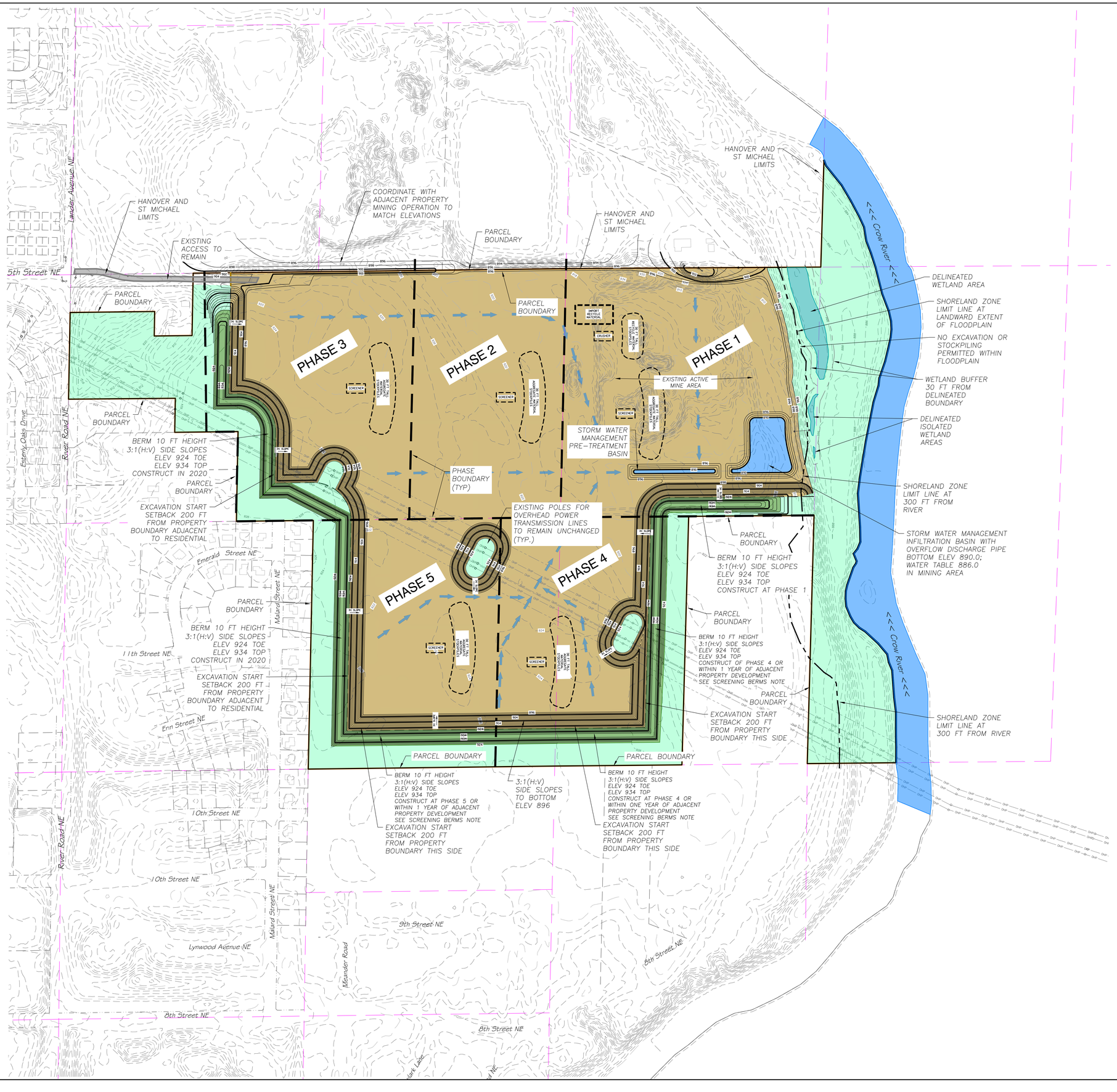
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/18/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 UNDERGROUND LANDSCAPE EAAF

DATE 09/25/19	DRAWN BY SD	DESIGNED BY SD	CHECKED BY SD

FILE NO. 00722

C1.8

Cross Sections



PAGE LAYOUT:

C2.1	C2.2
C2.3	C2.4

0 100 200 300
GRAPHIC SCALE IN FEET

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

EXCAVATION PHASE DATA

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3) VEGETATION COVER OF BERMS AND NON-FARM AREAS TO BE ESTABLISHED AT TIME OF BERM CONSTRUCTION WITH MNDOT 35-221 SEED MIX

EXCAVATION SETBACK

200 FEET TO A RESIDENCE OR RESIDENTIAL ZONING DISTRICT

100 FEET TO NON-RESIDENTIAL ZONING DISTRICTS OR AS APPROVED BY CITY

PROCESSING SETBACK

250 FEET TO A PROPERTY LINE
500 FEET TO A RESIDENTIAL STRUCTURE

EXCAVATION ELEVATION DATA

MINE EXCAVATION BOTTOM ELEV 896.0

STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0
CROW RIVER TYPICAL WATER ELEV 876.0
CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- BERM 10 FT HIGH
- MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE
- PHASE LIMIT

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C5.1-C5.2 STORM SEWER PLAN
C6.0 LANDSCAPE PLAN

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gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

PROPOSED OPERATIONS OVERALL LAYOUT

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Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
P.O. Box 1179
Monticello, Mn 55362
Phone: (763) 315-0929
www.civilsd.com

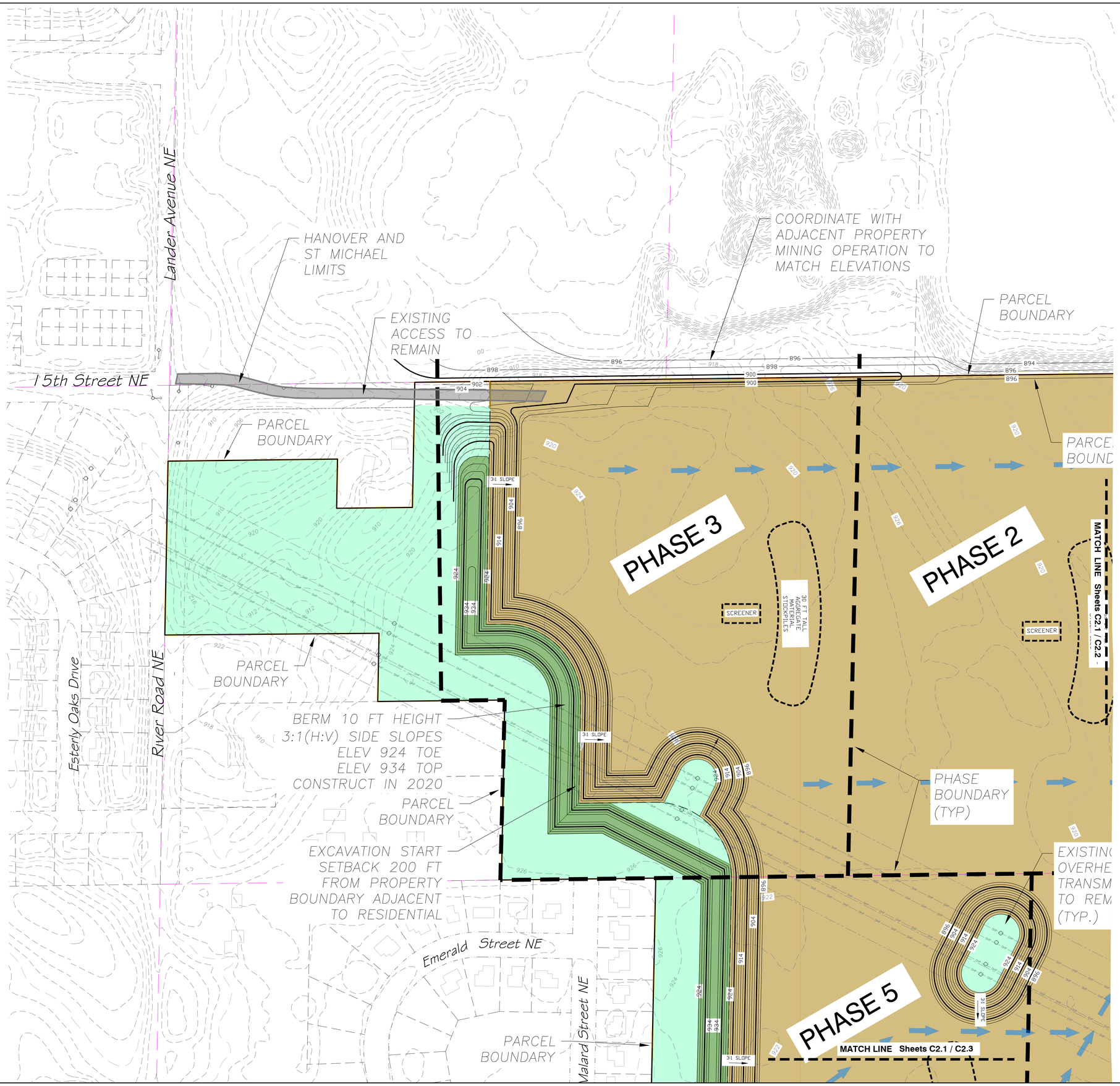
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/03/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
02/26/19 INCORPORATE LANDSCAPE PLAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C2.0

Proposed Operations Overall Layout



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GRAPHIC SCALE IN FEET

PAGE LAYOUT:

C2.1	C2.2
C2.3	C2.4

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

EXCAVATION PHASE DATA

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3) VEGETATION COVER OF BERMS AND NON-FARM AREAS TO BE ESTABLISHED AT TIME OF BERM CONSTRUCTION WITH MNDOT 35-221 SEED MIX

EXCAVATION SETBACK

200 FEET TO A RESIDENCE OR RESIDENTIAL ZONING DISTRICT

100 FEET TO NON-RESIDENTIAL ZONING DISTRICTS OR AS APPROVED BY CITY

PROCESSING SETBACK

250 FEET TO A PROPERTY LINE
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STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0
CROW RIVER TYPICAL WATER ELEV 876.0
CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

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- EXISTING CONTOUR INDEX
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- STORM WATER MANAGEMENT BASIN
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C6.0	LANDSCAPE PLAN

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Date: 12/26/19 Reg. No. 24348

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118 East Broadway St.
P.O. Box 1929
Monticello, MN 55362
Phone: 763-271-0929
www.civilsd.com

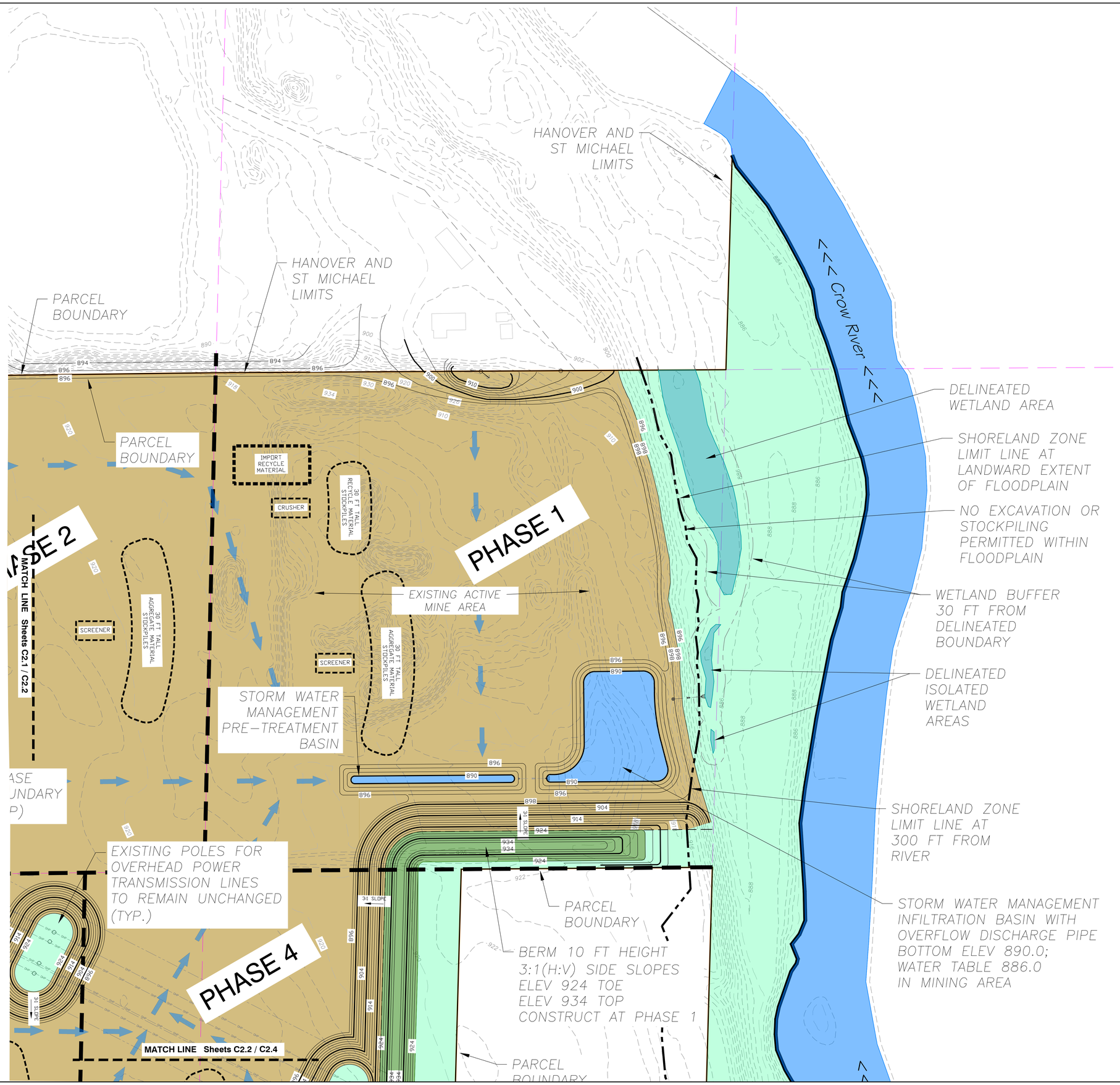
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/05/19 END USE CONTOUR MODIFICATIONS
12/13/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INGRESS/EGRESS, LANDSCAPE, ETC.

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C2.1

Proposed Operations



GRAPHIC SCALE IN FEET (0, 100, 200, 300)

PAGE LAYOUT:

C2.1	C2.2
C2.3	C2.4

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

EXCAVATION PHASE DATA

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EXCAVATION SETBACK

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100 FEET TO NON-RESIDENTIAL ZONING DISTRICTS OR AS APPROVED BY CITY

PROCESSING SETBACK

250 FEET TO A PROPERTY LINE
500 FEET TO A RESIDENTIAL STRUCTURE

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STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0
CROW RIVER TYPICAL WATER ELEV 876.0
CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

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INDEX OF CIVIL SITE DRAWINGS:

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C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

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118 East Broadway St.
P.O. Box 765
Monticello, MN 55362
Phone: 763-271-0929
www.civilsd.com

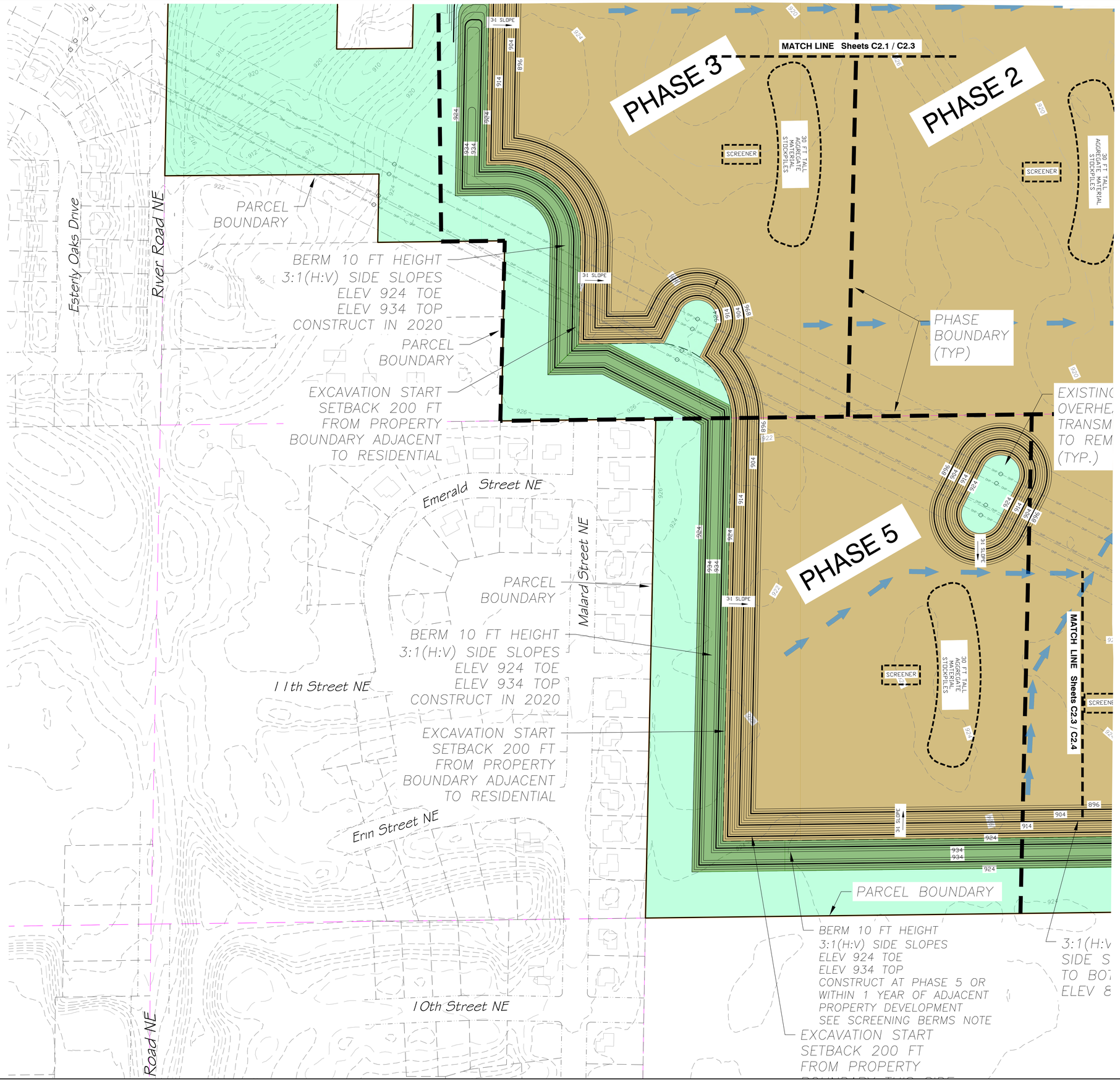
REVISIONS
11/26/19 END USE CONTOUR MODIFICATIONS
12/03/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
02/26/19 INCORPORATE LANDSCAPE PLAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C2.2

Proposed Operations



PAGE LAYOUT:

C2.1	C2.2
C2.3	C2.4

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GRAPHIC SCALE IN FEET

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

EXCAVATION PHASE DATA

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CROW RIVER TYPICAL WATER ELEV 876.0
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- PROPOSED CONTOUR INTERMEDIATE
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- CROW RIVER
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www.civilsd.com

REVISIONS
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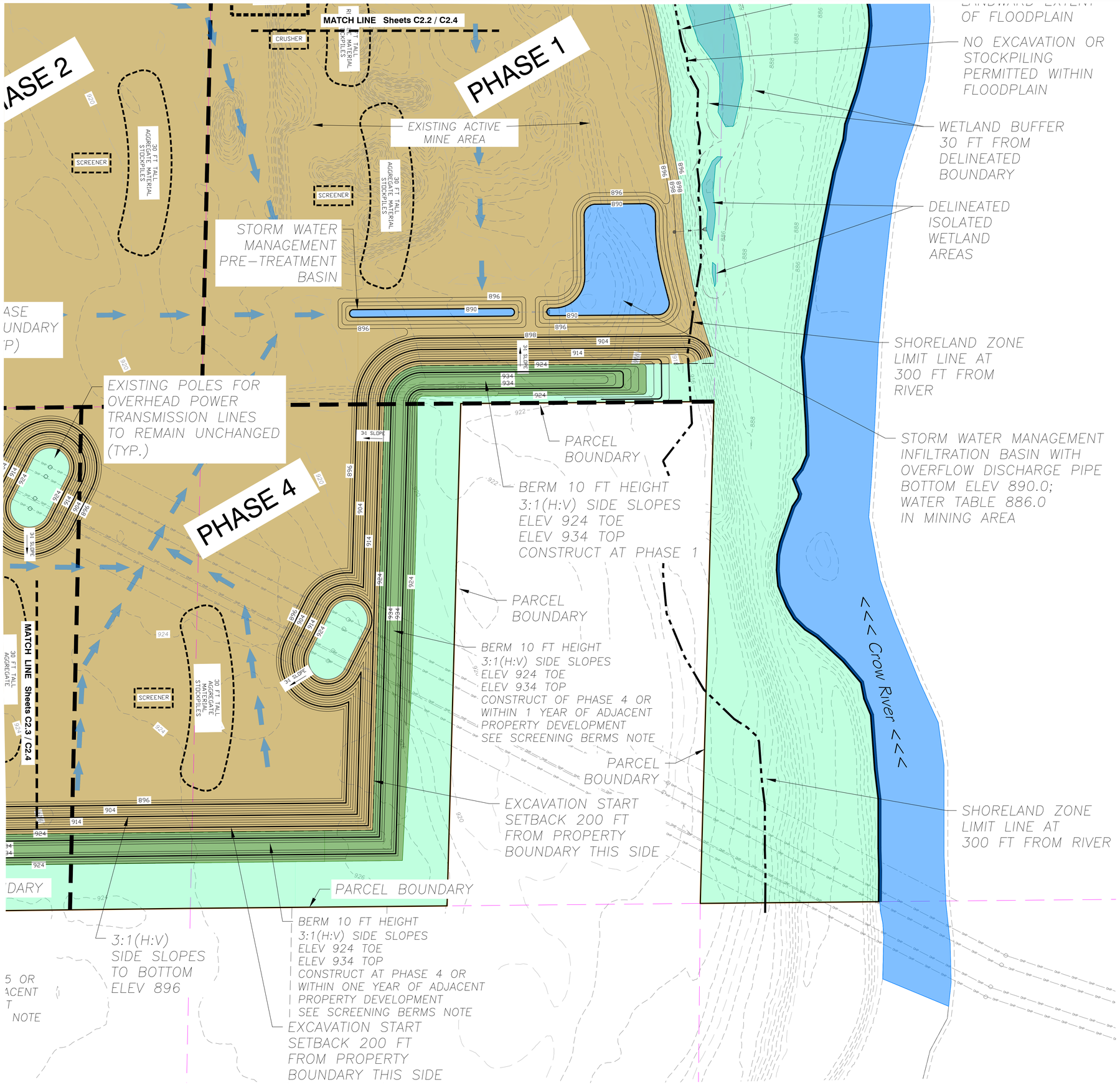
12/02/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INCORPORATE LANDSCAPE PLAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C2.3

Proposed Operations



PAGE LAYOUT:

C2.1	C2.2
C2.3	C2.4

0 100 200 300
GRAPHIC SCALE IN FEET

EXISTING P.I.D. #S

108-500-303-200 HANOVER
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APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

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1) BERM ADJACENT TO WEST BOUNDARY EXISTING RESIDENTIAL SHALL BE CONSTRUCTED IN 2020 AND REMAIN IN PLACE FOR DURATION OF MINE OPERATIONS.
2) BERMS ADJACENT TO SOUTH AND EAST BOUNDARIES SHALL BE CONSTRUCTED NOT LATER THAN WITHIN 1 YEAR OF THE DATE THE CITY ENTERS INTO A DEVELOPMENT AGREEMENT FOR ADJACENT PROPERTY TO BE DEVELOPED.
3) VEGETATION COVER OF BERMS AND NON-FARM AREAS TO BE ESTABLISHED AT TIME OF BERM CONSTRUCTION WITH MNDOT 35-221 SEED MIX

EXCAVATION SETBACK

200 FEET TO A RESIDENCE OR RESIDENTIAL ZONING DISTRICT

100 FEET TO NON-RESIDENTIAL ZONING DISTRICTS OR AS APPROVED BY CITY

PROCESSING SETBACK

250 FEET TO A PROPERTY LINE
500 FEET TO A RESIDENTIAL STRUCTURE

EXCAVATION ELEVATION DATA

MINE EXCAVATION BOTTOM ELEV 896.0

STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0
CROW RIVER TYPICAL WATER ELEV 876.0
CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- BERM 10 FT HIGH
- MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE
- PHASE LIMIT

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C0	PROJECT LOCATION PLAN
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C2.0-C2.4	PROPOSED OPERATIONS
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C4.1-C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES
Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301
Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

PROPOSED OPERATIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Date: 12/26/19 Reg. No. 24348
PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
P.O. Box 745
Monticello, MN 55362
Phone: (763) 271-3929
www.civilsd.com

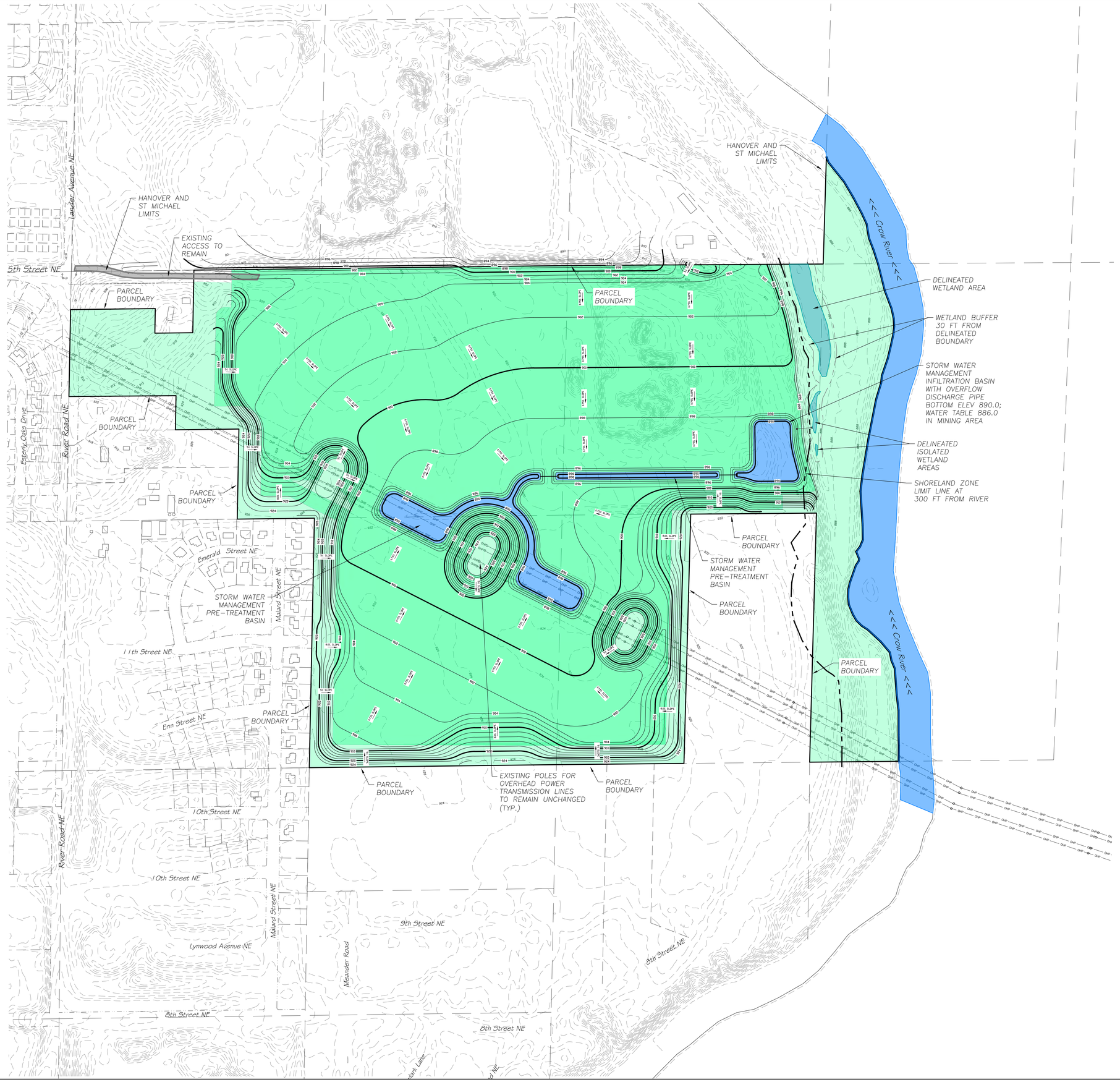
REVISIONS
11/26/19 END USE CONTOUR MODIFICATIONS
12/03/19 END USE CONTOUR MODIFICATIONS
12/18/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 AGGREGATE LANDSCAPE PLAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C2.4

Proposed Operations



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C3.3	C3.4

EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

138.2 ACRES

EXCAVATION ELEVATION DATA

MINE EXCAVATION BOTTOM ELEV 896.0

STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0

CROW RIVER TYPICAL WATER ELEV 876.0

CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- RECLAIMED MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE

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C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

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Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

END USE PLAN
OVERALL LAYOUT

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: 12/26/19 Reg. No. 24348

PREPARED BY: **CIVIL ENGINEERING SITE DESIGN**
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www.civilsed.com

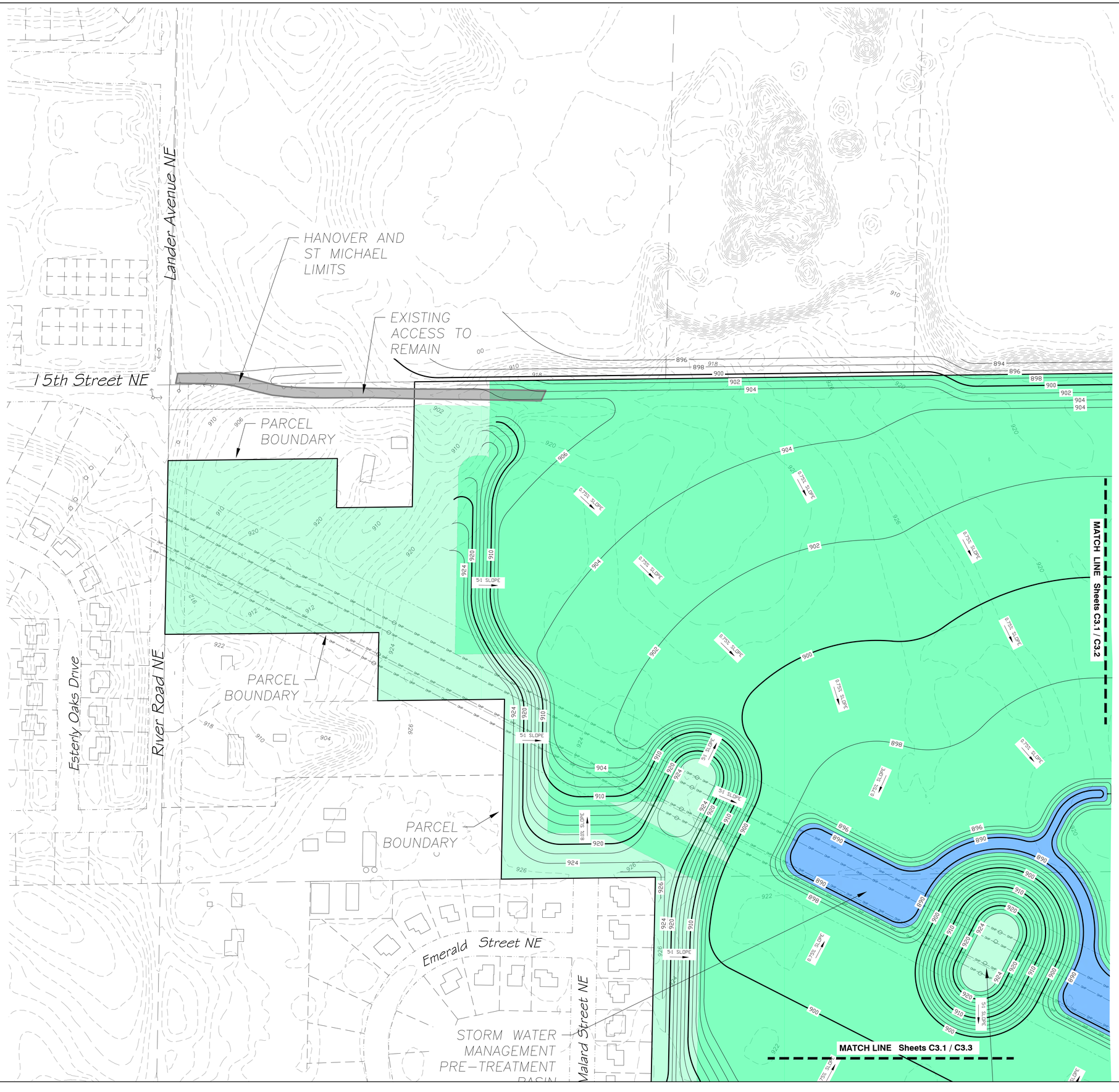
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/18/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 UNDERSIZED AGGREGATE CLAY

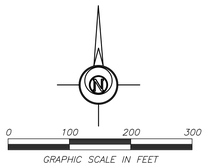
DATE 09/25/19	DRAWN BY SD	DESIGNED BY SD	CHECKED BY SD

FILE NO. 00722

C3.0

End Use Plan
Overall Layout





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C3.3	C3.4

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

138.2 ACRES

EXCAVATION ELEVATION DATA

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WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0

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- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
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- CROW RIVER
- EXISTING WETLAND AREA
- RECLAIMED MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE

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C4.1-C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

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gfehn@fehncompanies.com

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SE Quad 15th Street and River Road
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END USE PLAN

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Date: 12/26/19 Reg. No. 24348

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www.civilsite.com

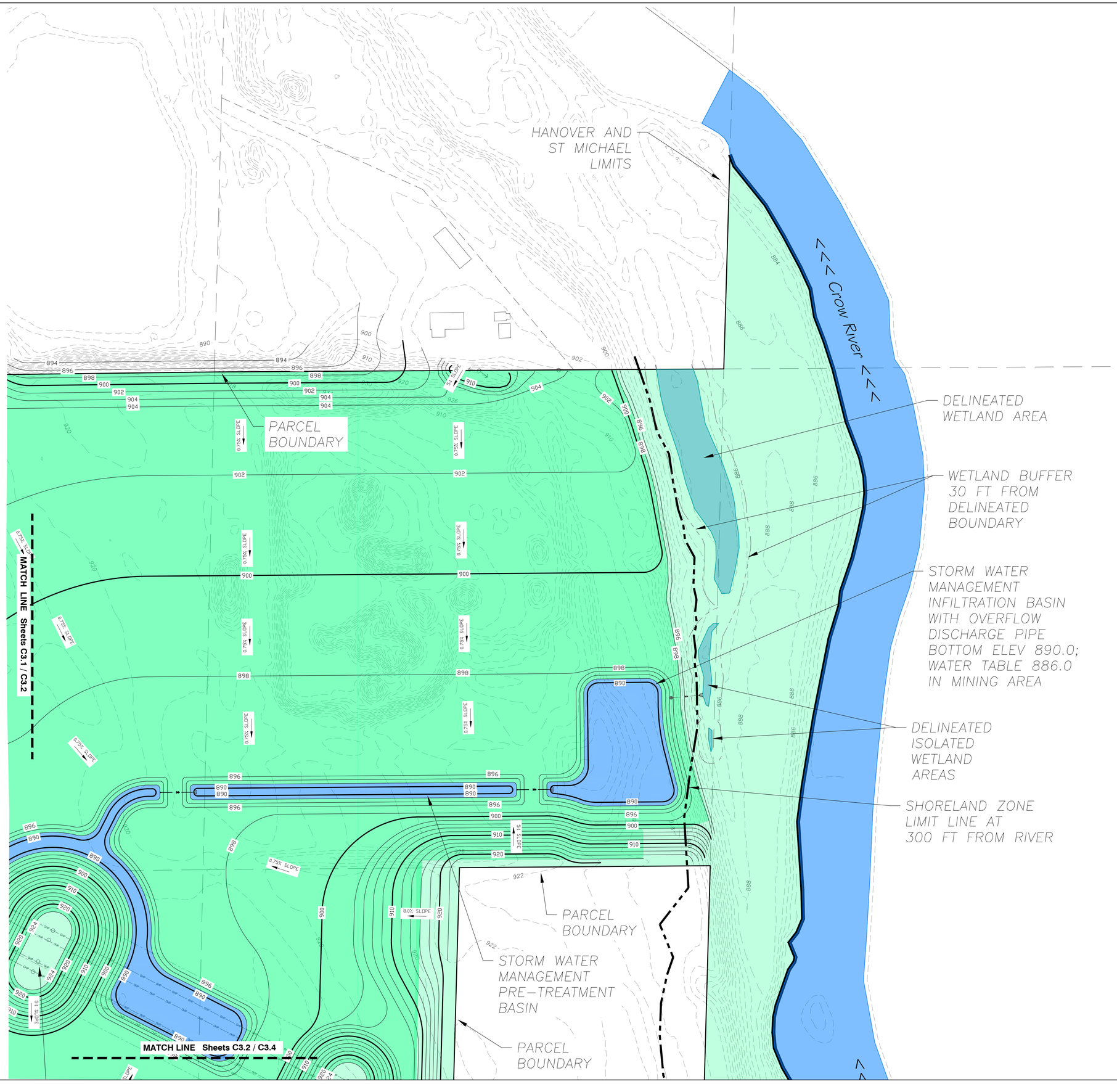
REVISIONS:
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/16/19 STORGEPAL LOCATIONS, AND SCREENING BERM NOTES.
12/26/19 INDEXED CIVIL SITE LANDSCAPE PLAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C3.1

End Use Plan



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C3.3	C3.4

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

138.2 ACRES

EXCAVATION ELEVATION DATA

MINE EXCAVATION BOTTOM ELEV 896.0

STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0

CROW RIVER TYPICAL WATER ELEV 876.0

CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- RECLAIMED MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE

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C4.1-C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

END USE PLAN

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Date: 12/26/19 Reg. No. 24348

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www.civilsite4.com

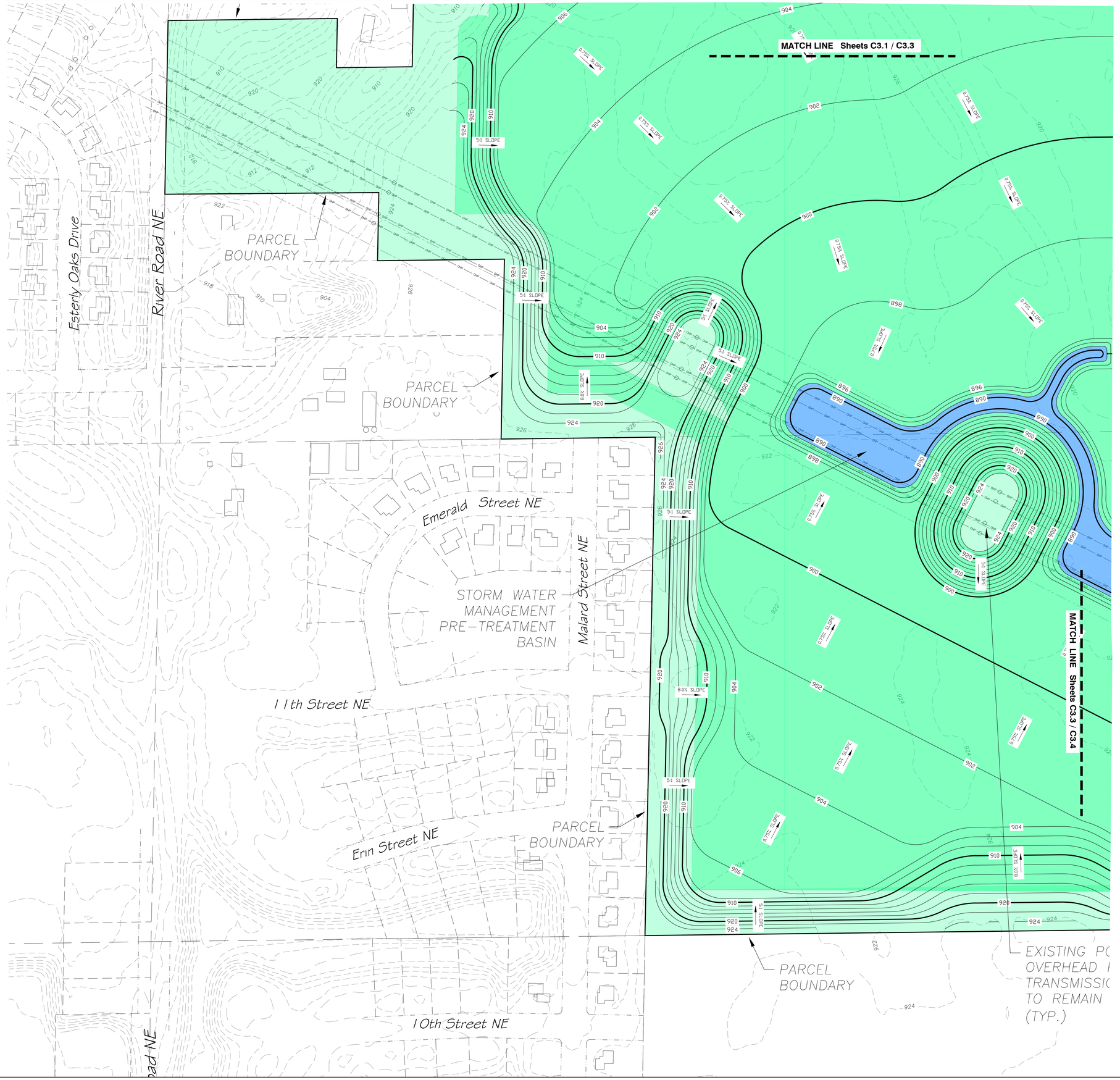
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
02/26/19 SHORELAND LANDSCAPE PLAN

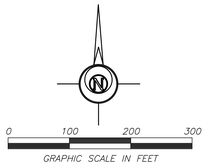
DATE 09/25/19	DRAWN BY SD	DESIGNED BY SD	CHECKED BY SD

FILE NO. 00722

C3.2

End Use Plan





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C3.3	C3.4

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

138.2 ACRES

EXCAVATION ELEVATION DATA

MINE EXCAVATION BOTTOM ELEV 896.0

STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0

CROW RIVER TYPICAL WATER ELEV 876.0

CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- RECLAIMED MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE

INDEX OF CIVIL SITE DRAWINGS:

C0	PROJECT LOCATION PLAN
C1.0-C1.8	EXISTING CONDITIONS & CROSS SECTION
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C3.0-C3.4	END USE PLAN
C4.1-C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

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Gary Fehn
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gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

END USE PLAN

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Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
P.O. Box 1026
Monticello, Mn 55362
Phone: 763-295-2929
www.civilsd.com

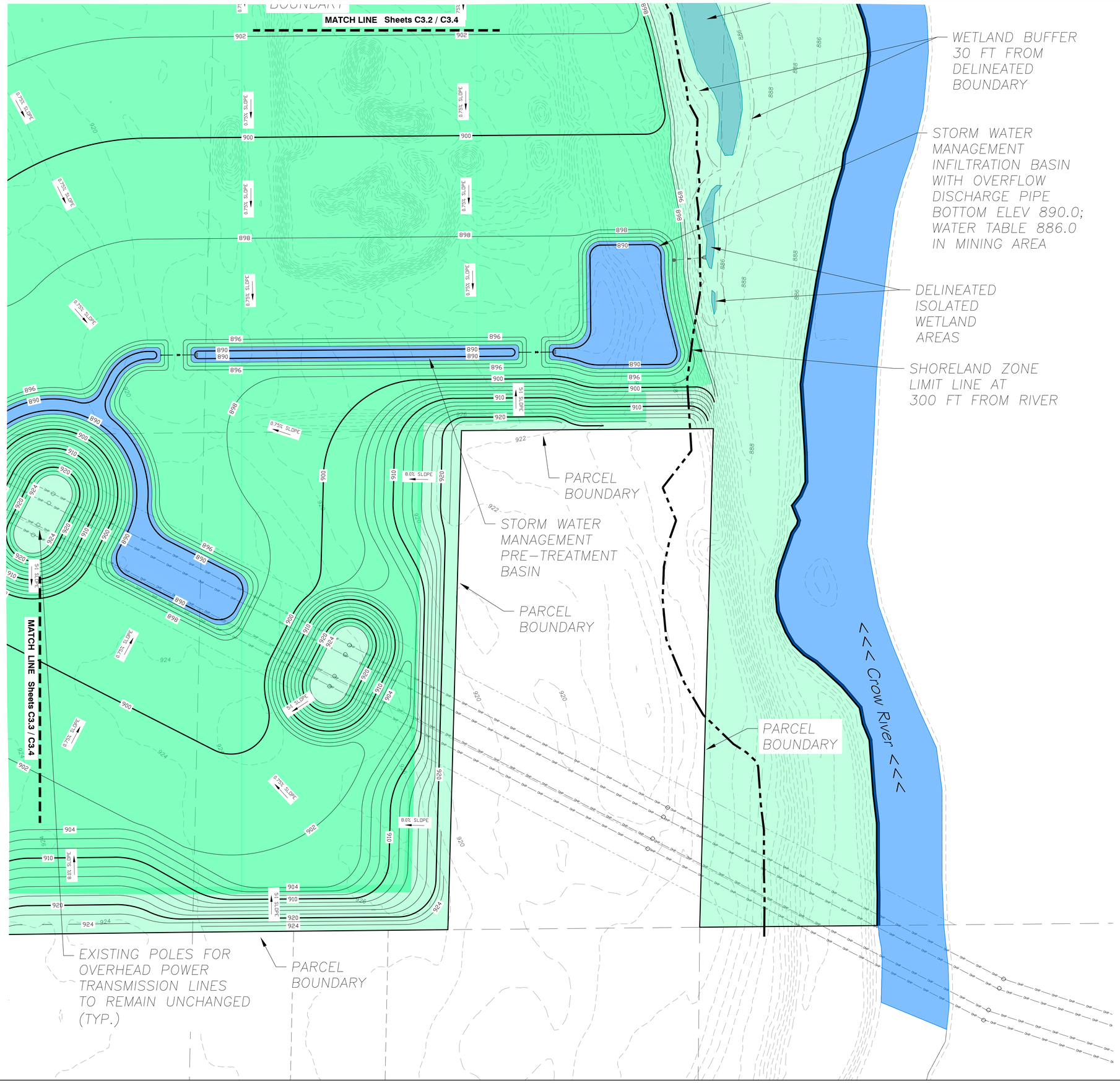
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/18/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INACCESSIBLE LANDSCAPE AREAS

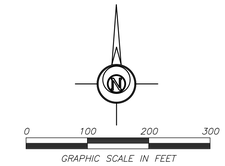
DATE	09/25/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

FILE NO. 00722

C3.3

End Use Plan





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C3.3	C3.4

EXISTING P.I.D. #S

108-500-303-200 HANOVER
108-500-254-200 HANOVER
108-500-254-400 HANOVER
108-500-303-300 HANOVER
114-800-302-400 ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

138.2 ACRES

EXCAVATION ELEVATION DATA

MINE EXCAVATION BOTTOM ELEV 896.0

STORM WATER MANAGEMENT BASIN BOTTOM ELEV 890.0

WATER ELEVATION DATA

MINE AREA WATER TABLE ELEV 886.0

CROW RIVER TYPICAL WATER ELEV 876.0

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LEGEND:

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- EXISTING CONTOUR INDEX
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- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
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- CROW RIVER
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- NON-MINED AREA
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INDEX OF CIVIL SITE DRAWINGS:

C0	PROJECT LOCATION PLAN
C1.0-C1.8	EXISTING CONDITIONS & CROSS SECTION
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C4.1-C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1-C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

END USE PLAN

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P.O. Box 396
Monticello, Mn. 55362
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www.civilsitedesign.com

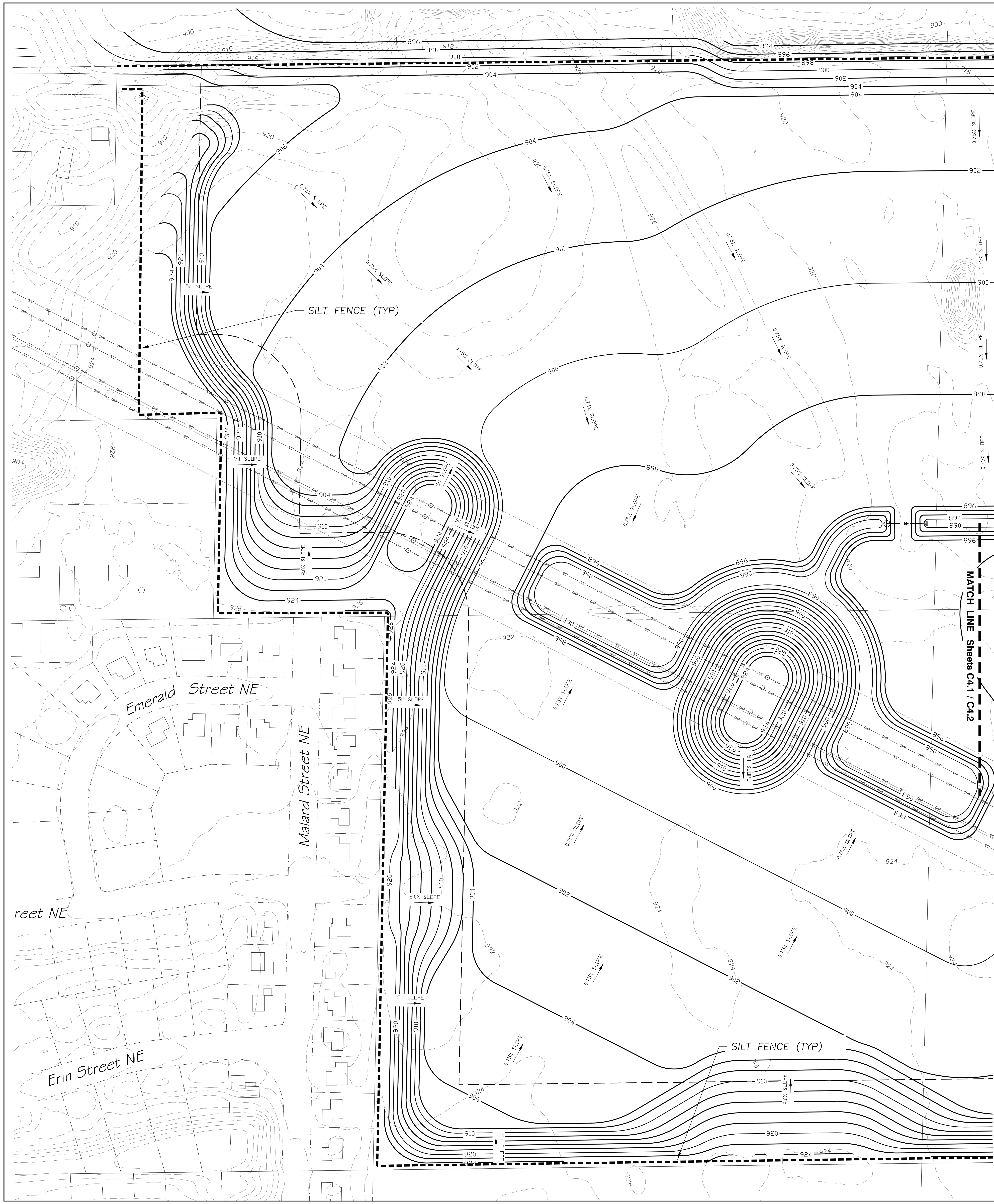
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES.
02/26/19 INGRESS/EGRESS, LANDSCAPE, EAW

DATE 09/25/19	DRAWN BY SD	DESIGNED BY SD	CHECKED BY SD

FILE NO. 00722

C3.4

End Use Plan



SWPP NARRATIVE

This gravel mining project expansion will consist of site clearing and grading. Excavation is planned to begin 2019.

First, perimeter silt fence is to be installed. Then site work shall commence. The contractor shall dispose all debris off–site within 24 hours. Then the site can be graded, final grade tolerance, and landscape final stabilization. Once final grade is established and certified, the site shall be stabilized with seed and mulch or sod. Once vegetation is established, temporary erosion control measures shall be removed.

POLLUTION PREVENTION NOTES

Solid waste: collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction debris and other wastes must be disposed of properly off–site and must comply with MPCA requirements.

Hazardous materials: oils, gasoline, paint, and any hazardous substance must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal must be in compliance with MPCA regulations.

External washing of trucks or other construction vehicles is not allowed on site. No engine degreasing is allowed on site. No concrete washouts are allowed on site.

Concrete truck washout is not to be allowed on site unless washout waste is contained with no discharge to ground surface or site drainage facilities. Containment systems are to be located a minimum 50 feet away from drainage facilities and watercourses. Containment systems shall have an impermeable liner. Containment system shall be clearly marked with signage.

All sanitary waste must be collected from portable toilet units on site by a licensed waste management contractor. The units must be secured and shall be maintained on a regular basis as needed to prevent overfilling.

DESIGN CALCULATIONS

Design calculations, including soil types are on file with: Civil Engineering Site Design

SWPPP Designer: Scott Dahlke (Expires 2022)

RESPONSIBLE PARTY

Contact information for the responsible party for erosion control is:

Owner: Fehn Companies, Inc.
5050 Barthel Industrial Drive
Albertville, MN 55301

Contractor: Fehn Companies, Inc.
5050 Barthel Industrial Drive
Albertville, MN 55301

Manager: Gary Fehn
763–497–2428

EROSION CONTROL NOTES

1. All devices necessary to control erosion and sediment (I.E. perimeter silt fence, rock construction entrances, swales, ponds, berms, ETC.) shall be installed prior to any other construction operations.
2. After completion of final grading, exposed soils must be permanently stabilized within 7 days. Stabilization shall consist of disc–anchored seed & mulch, HECP with fiber reinforced matrix, erosion blanket with seed, or sod.
3. The site must be kept in a well drained condition at all times. The contractor shall be responsible for temporary ditches, or other means necessary to ensure proper drainage. The building pad must be provided with a positive outflow. This work shall be incidental to the grading contract.
4. Entering/exiting of the site shall occur only at rock construction entrance to reduce tracking of dirt onto paved streets. Sediment tracked onto streets during working hours must be reclaimed via street scraping and sweeping at the end of each working day.
5. Stormwater discharge pipe outlet energy dissipation shall be provided by rip–rap with size, quantity, and placement in accordance with City standards. Rip–rap installation shall be within 24 hours of pipe installation.
6. Install silt fence around all temporary inactive stockpiles which are not place within existing silt fence area or other perimeter erosion controls.
7. Stabilization of temporary or permanent drainage ditches that drain water from the construction site must be initiated within 24 hours of connecting the drainage ditch to any storm water conveyance system and must be completed using erosion blanket.
8. Sufficient personnel, equipment, and materials shall be mobilized within 24 hours of written order (ie. email) by the owner or owners representative to conduct corrective work and install temporary erosion control work in the case of an emergency.

EROSION CONTROL INSTALLATION SCHEDULE

1. Silt fence shall be installed or restored prior to any construction. Silt fence shall be located as shown to intercept runoff. The area located beyond the perimeter silt fence shall not be disturbed during construction.
2. Rock Construction Entrance shall be installed prior to grading operations.
3. All storm sewer inlets shall have inlet protection inserts installed. Inserts shall be "Road rain–Top Slab" or "Road Drain–Curb & Gutter" inlet protection devices as manufactured by WIMCO (or approved equal) and installed per manufacture's recommendations.
4. All erosion control installations shall remain in place and be maintained in good condition by the contractor until the site has been re–vegetated, at which time it shall be removed by the contractor. For proposed paved surface areas, the contractor may remove necessary silt fencing to construct roadway, while maintaining adequate erosion control in adjacent areas.
5. Sufficient topsoil shall be stockpiled to allow for the replacement of 6" topsoil for disturbed areas to be re–vegetated.
6. The contractor shall schedule site grading, utility installation and roadway construction so that the general site can be mulched and re–seeded soon after disturbance. Areas that will not be subject to construction traffic for 14 days shall be seeded and mulched or sodded within 7 days of final grading.

EROSION CONTROL MAINTENANCE SCHEDULE

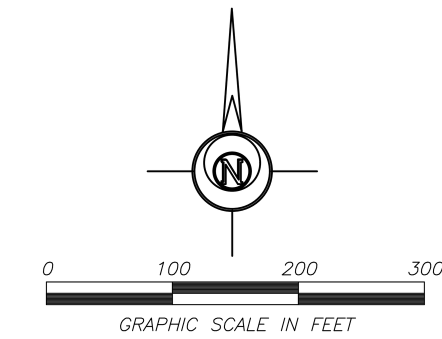
1. Erosion control measures shall be inspected by the contractor's representative and maintained by the contractor every Friday and within 24 hours after any rainfall event larger than 1/2" until the project is completed. Maintenance requirements are as follows: silt fence – 1/3 height of fence or damaged, remove sediment and/or repair fence within 24 hours; rock entrance – refresh as necessary to conform to detail; inlet protection inserts – remove sediment after each rain event, clean or replace filter when clogged; surface water – drain and stabilize, within 7 days of discovery; and street sweeping – remove all sediment tracked onto paved surfaces within 24 hours or as directed by City Engineer.
2. Replacement – Fabric shall be replaced promptly when it decomposes or becomes ineffective before the barrier is no longer necessary.
3. Any sediment remaining in place after silt fence is no longer required shall be dressed to conform with the existing grade, prepared, and seeded with appropriate seed mix, as directed by the engineer.
4. Removal of the silt fence– Silt fences shall be removed when they have served their useful purpose, but not before the upward sloping area has been permanently stabilized.

VEGETATION GROUND COVER SCHEDULE

1. Stabilization of all exposed soil areas must be initiated immediately but in no case completed later than seven (7) days after the construction activity in that portion of the site has temporarily or permanently ceased. Seeding and mulching shall conform to the latest NPDES requirements for installation schedule with regards to grading.
2. Permanent turf ground cover shall include all disturbed areas be covered with a minimum 6" topsoil and seeded as allowed by City, or as proposed on City approved landscape plan for the project. If not otherwise specified, turf seed to be MnDOT mix 25–121 applied at 61 lbs/ac. Infiltration basin seed to be 33–261 applied at 35 lbs/ac with bottom of basin mulched with clean grain straw (Mn/DOT Type 3) applied at 2 tons/ac. MnDOT Type 1 mulch shall be applied at 2 tons/ac and disc anchored in areas not covered by erosion blanket. Seeding and mulching shall conform to the latest NPDES requirements for installation schedule with regards to grading.
3. Temporary ground cover to be MnDOT seed mix 22–111 shall be applied at 31 lbs/ac, or equivalent as approved by City. MnDOT Type 1 mulch shall be applied at 2 tons/ac and disc anchored in areas not covered by sod or erosion blanket.
4. Fertilizer for turf shall be MnDOT Type 3 22–5–10 and applied at 350 lb/ac. Disc fertilizer into top 3" of soil. Specification reference is MnDOT 2574.
5. Dormant seed mix shall be used after November 1 or when temperatures do not exceed 40° F, using same rates specified above. No seed shall be placed on snow or ice greater than 2" in depth.
6. Any seeded areas that do not become established with vegetation shall be re–seeded at Contractor's expense.
7. Erosion blanket shall be installed in seed areas with ground surface slopes of 4H:1V or steeper.

INFILTRATION BASIN NOTES

1. Iniltration area shall be staked off during construction to restrict heavy equipment traffic from compacting native soils.
2. Install appropriate temporary erosion control devices to prevent sediment from entering the practice during construction.
3. Grading of the infiltration basin shall be accomplished using low impact earth–moving equipment to prevent compaction of the underlying soils. Small tracked dozers and skid–steers with runner tracks are recommended.
4. In the event that sediment is introduced into the BMP during or immediately following excavation, this material will need to be removed from the basin prior to initiating the next step in the construction process.
5. Install sediment control around basin after completion of basin grading.
6. Seeding and installation of erosion control shall be completed within 48 hours of final grading of basin.



APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

PAGE LAYOUT:

C4.1	C4.2

LEGEND

- Existing Contours
- Existing Storm Sewer
- Proposed Contours
- Proposed Storm Sewer
- Proposed Silt Fence
- Proposed Fiber Logs
- Proposed Inlet Protection
- Proposed Riprap

PROJECT LOCATION

PART OF W½ OF SECTION 30, TOWNSHIP 120, RANGE 23,
AND PART OF SE¼ OF SECTION 25, TOWNSHIP 120, RANGE 24,
WRIGHT COUNTY, MINNESOTA.

EROSION CONTROL QUANTITIES:

ITEM:	QUANTITY	UNIT
SILT FENCE	11,550	LF
WOOD FIBER LOG	1,150	LF
INLET PROTECTION	1	EA

INDEX OF CIVIL SITE DRAWINGS:

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C1.0–C1.8	EXISTING CONDITIONS & CROSS SECTION
C2.0–C2.4	PROPOSED OPERATIONS
C3.0–C3.4	END USE PLAN
C4.1–C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1–C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301

Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

STORM WATER POLLUTION PREVENTION PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Scott Dahlke

Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
PO Box 566
Monticello, Mn 55362
Phone: 763–314–0929
www.civilesd.com

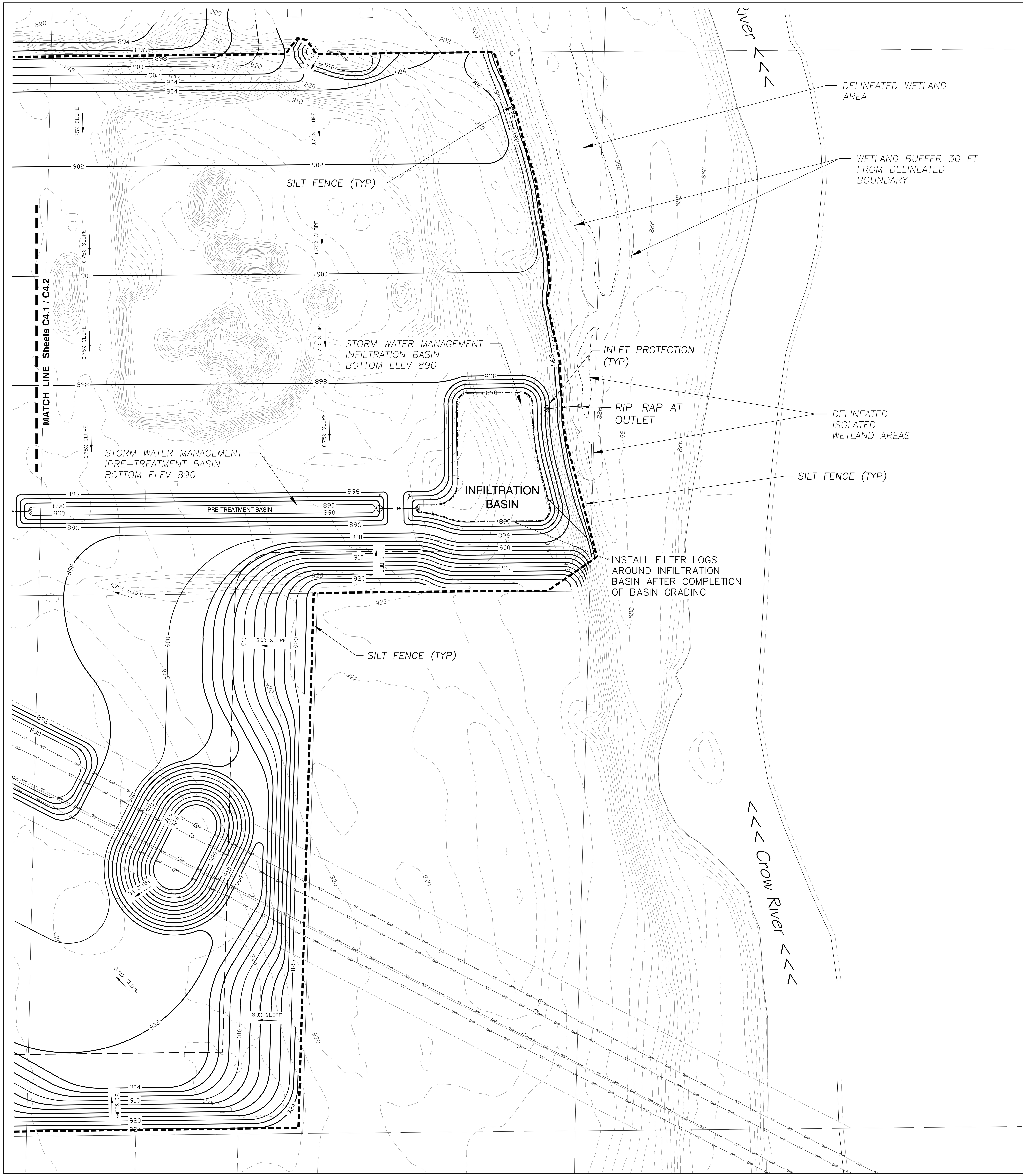
REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INCORPORATE LANDSCAPE PLAN

DATE 09/25/19
DRAWN BY SD
DESIGNED BY SD
CHECKED BY SD

FILE NO. 00722

C4.1

Storm Water Pollution Prevention Plan



SWPP NARRATIVE

This gravel mining project expansion will consist of site clearing and grading. Excavation is planned to begin 2019.

First, perimeter silt fence is to be installed. Then site work shall commence. The contractor shall dispose all debris off–site within 24 hours. Then the site can be graded, final grade tolerance, and landscape final stabilization. Once final grade is established and certified, the site shall be stabilized with seed and mulch or sod. Once vegetation is established, temporary erosion control measures shall be removed.

POLLUTION PREVENTION NOTES

Solid waste: collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction debris and other wastes must be disposed of properly off–site and must comply with MPCA requirements.

Hazardous materials: oils, gasoline, paint, and any hazardous substance must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal must be in compliance with MPCA regulations.

External washing of trucks or other construction vehicles is not allowed on site. No engine degreasing is allowed on site. No concrete washouts are allowed on site.

Concrete truck washout is not to be allowed on site unless washout waste is contained with no discharge to ground surface or site drainage facilities. Containment systems are to be located a minimum 50 feet away from drainage facilities and watercourses. Containment systems shall have an impermeable liner. Containment system shall be clearly marked with signage.

All sanitary waste must be collected from portable toilet units on site by a licensed waste management contractor. The units must be secured and shall be maintained on a regular basis as needed to prevent overfilling.

DESIGN CALCULATIONS

Design calculations, including soil types are on file with: Civil Engineering Site Design

SWPPP Designer: Scott Dahlke (Expires 2022)

RESPONSIBLE PARTY

Contact information for the responsible party for erosion control is:

Owner: Fehn Companies, Inc.
5050 Barthel Industrial Drive
Albertville, MN 55301

Contractor: Fehn Companies, Inc.
5050 Barthel Industrial Drive
Albertville, MN 55301

Manager: Gary Fehn
763–497–2428

EROSION CONTROL NOTES

1. All devices necessary to control erosion and sediment (I.E. perimeter silt fence, rock construction entrances, swales, ponds, berms, ETC.) shall be installed prior to any other construction operations.
2. After completion of final grading, exposed soils must be permanently stabilized within 7 days. Stabilization shall consist of disc–anchored seed & mulch, HECP with fiber reinforced matrix, erosion blanket with seed, or sod.
3. The site must be kept in a well drained condition at all times. The contractor shall be responsible for temporary ditches, or other means necessary to ensure proper drainage. The building pad must be provided with a positive outflow. This work shall be incidental to the grading contract.
4. Entering/exiting of the site shall occur only at rock construction entrance to reduce tracking of dirt onto paved streets. Sediment tracked onto streets during working hours must be reclaimed via street scraping and sweeping at the end of each working day.
5. Stormwater discharge pipe outlet energy dissipation shall be provided by rip–rap with size, quantity, and placement in accordance with City standards. Rip–rap installation shall be within 24 hours of pipe installation.
6. Install silt fence around all temporary inactive stockpiles which are not place within existing silt fence area or other perimeter erosion controls.
7. Stabilization of temporary or permanent drainage ditches that drain water from the construction site must be initiated within 24 hours of connecting the drainage ditch to any storm water conveyance system and must be completed using erosion blanket.
8. Sufficient personnel, equipment, and materials shall be mobilized within 24 hours of written order (ie. email) by the owner or owners representative to conduct corrective work and install temporary erosion control work in the case of an emergency.

EROSION CONTROL INSTALLATION SCHEDULE

1. Silt fence shall be installed or restored prior to any construction. Silt fence shall be located as shown to intercept runoff. The area located beyond the perimeter silt fence shall not be disturbed during construction.
2. Rock Construction Entrance shall be installed prior to grading operations.
3. All storm sewer inlets shall have inlet protection inserts installed. Inserts shall be "Road rain–Top Slab" or "Road Drain–Curb & Gutter" inlet protection devices as manufactured by WIMCO (or approved equal) and installed per manufacture's recommendations.
4. All erosion control installations shall remain in place and be maintained in good condition by the contractor until the site has been re–vegetated, at which time it shall be removed by the contractor. For proposed paved surface areas, the contractor may remove necessary silt fencing to construct roadway, while maintaining adequate erosion control in adjacent areas.
5. Sufficient topsoil shall be stockpiled to allow for the replacement of 6" topsoil for disturbed areas to be re–vegetated.
6. The contractor shall schedule site grading, utility installation and roadway construction so that the general site can be mulched and re–seeded soon after disturbance. Areas that will not be subject to construction traffic for 14 days shall be seeded and mulched or sodded within 7 days of final grading.

EROSION CONTROL MAINTENANCE SCHEDULE

1. Erosion control measures shall be inspected by the contractor's representative and maintained by the contractor every Friday and within 24 hours after any rainfall event larger than 1/2" until the project is completed. Maintenance requirements are as follows: silt fence – 1/3 height of fence or damaged, remove sediment and/or repair fence within 24 hours; rock entrance – refresh as necessary to conform to detail; inlet protection inserts – remove sediment after each rain event, clean or replace filter when clogged; surface water – drain and stabilize, within 7 days of discovery; and street sweeping – remove all sediment tracked onto paved surfaces within 24 hours or as directed by City Engineer.
2. Replacement – Fabric shall be replaced promptly when it decomposes or becomes ineffective before the barrier is no longer necessary.
3. Any sediment remaining in place after silt fence is no longer required shall be dressed to conform with the existing grade, prepared, and seeded with appropriate seed mix, as directed by the engineer.
4. Removal of the silt fence– Silt fences shall be removed when they have served their useful purpose, but not before the upward sloping area has been permanently stabilized.

VEGETATION GROUND COVER SCHEDULE

1. Stabilization of all exposed soil areas must be initiated immediately but in no case completed later than seven (7) days after the construction activity in that portion of the site has temporarily or permanently ceased. Seeding and mulching shall conform to the latest NPDES requirements for installation schedule with regards to grading.
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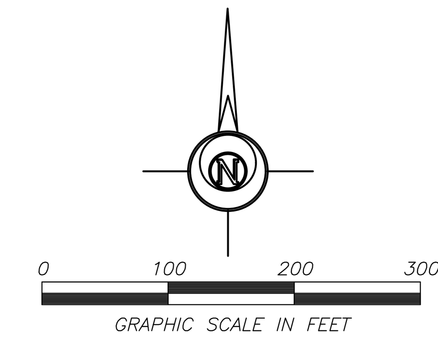

APPROXIMATE GROSS AREA
184.9 ACRES

APPROXIMATE EXCAVATION AREA
133.9 ACRES

PAGE LAYOUT:

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PROJECT LOCATION

PART OF W½ OF SECTION 30, TOWNSHIP 120, RANGE 23,
AND PART OF SE¼ OF SECTION 25, TOWNSHIP 120, RANGE 24,
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WOOD FIBER LOG	1,150	LF
INLET PROTECTION	1	EA

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C6.0 LANDSCAPE PLAN

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Gary Fehn
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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

STORM WATER POLLUTION PREVENTION PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Scott Dahlke

Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
PO Box 566
Monticello, Mn 55362
Phone: 763–314–0929
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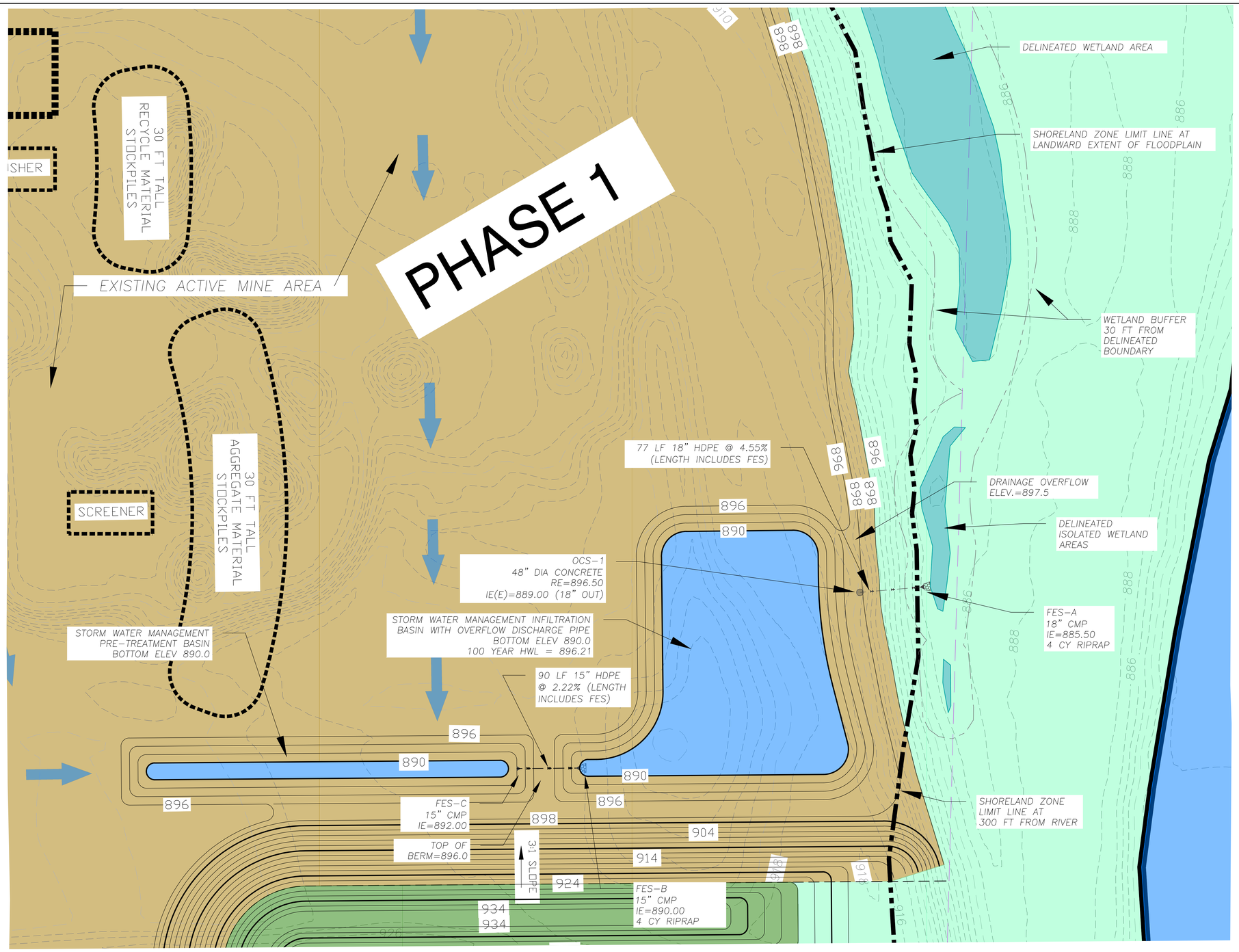
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INCORPORATE LANDSCAPE PLAN

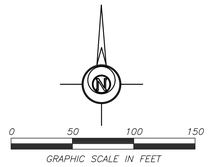
DATE 09/25/19
DRAWN BY SD
DESIGNED BY SD
CHECKED BY SD

FILE NO. 00722

C4.2

Storm Water Pollution Prevention Plan





WATER ELEVATION DATA

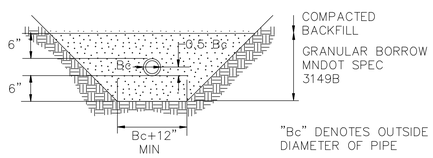
MINE AREA WATER TABLE ELEV 886.0

CROW RIVER TYPICAL WATER ELEV 876.0

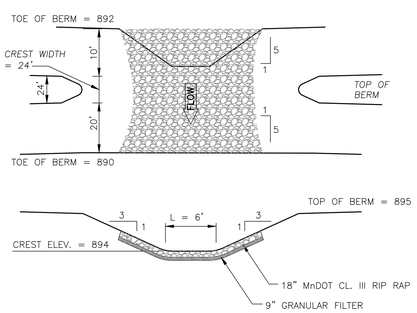
CROW RIVER FEMA 100YR FLOOD ELEV 889.0

LEGEND:

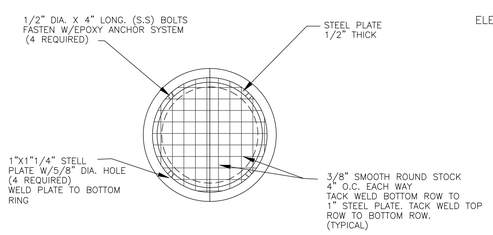
- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- BERM 10 FT HIGH
- MINE EXCAVATION AREA
- NON-MINED AREA

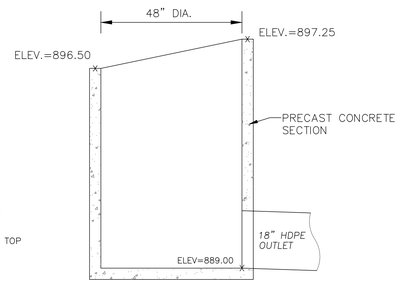


PIPE FOUNDATION & BEDDING IN GOOD SOILS

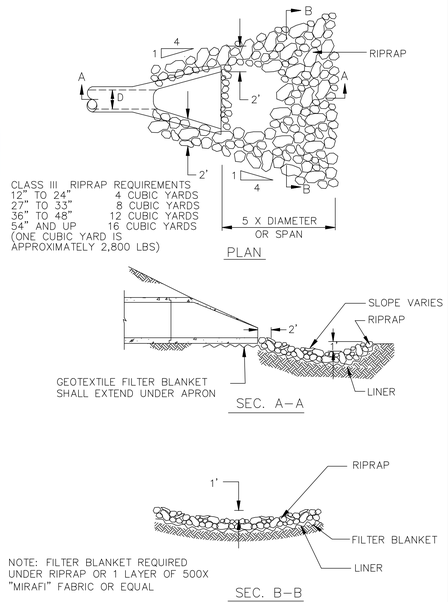


RIPRAP OVERFLOW





POND OUTLET CONTROL STRUCTURE (OCS-1)



CLASS III RIPRAP REQUIREMENTS

12" TO 24"	4 CUBIC YARDS
27" TO 33"	8 CUBIC YARDS
36" TO 48"	12 CUBIC YARDS
54" AND UP	16 CUBIC YARDS

(ONE CUBIC YARD IS APPROXIMATELY 2,800 LBS)

NOTE: FILTER BLANKET REQUIRED UNDER RIPRAP OR 1 LAYER OF 500X "MIRAFI" FABRIC OR EQUAL

CLASS III RIPRAP AT OUTLETS

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MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

STORM SEWER PLAN
PROPOSED OPERATIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: 12/26/19 Reg. No. 24348

PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
P.O. Box 2037
Monticello, Mn 55362
Phone: (763) 271-0929
www.civilesd.com

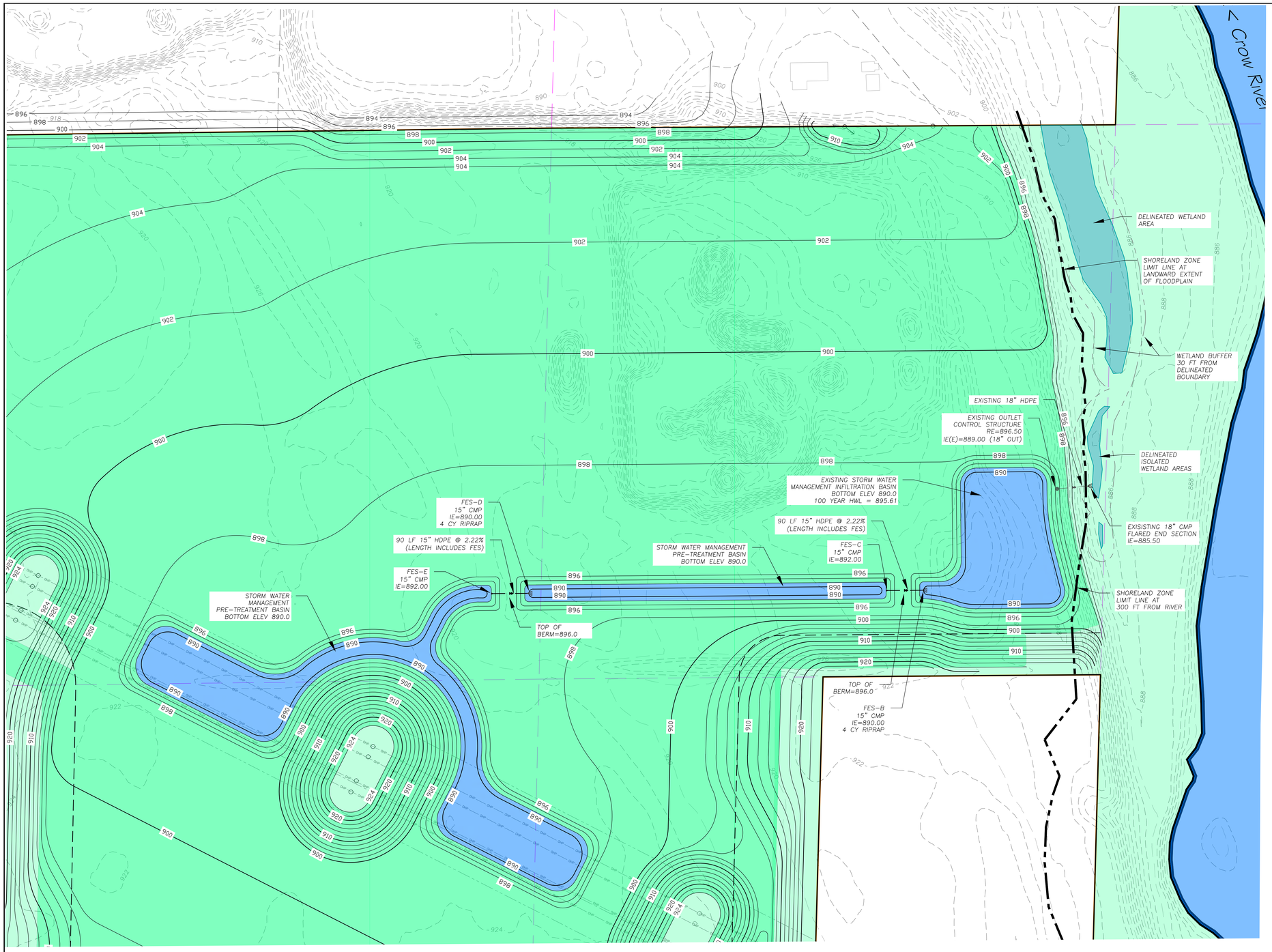
REVISIONS:
11/20/19 END USE CONTOUR MODIFICATIONS
12/03/19 END USE CONTOUR MODIFICATIONS
12/26/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES.
12/26/19 PROCEDURE, LANDSCAPE PLAN

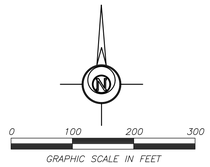
DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C5.1

Storm Sewer Plan
Proposed Operations





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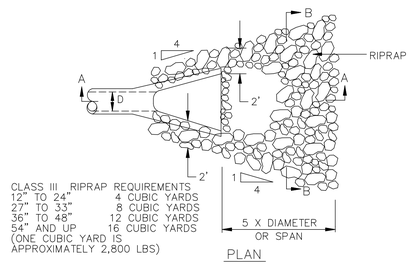

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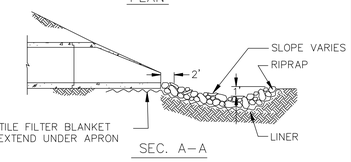
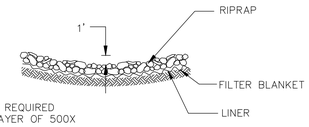
PLAN



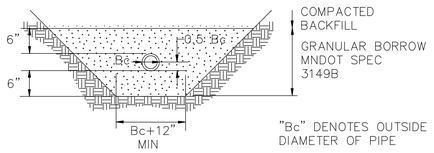
SEC. A-A



NOTE: FILTER BLANKET REQUIRED UNDER RIPRAP OR 1 LAYER OF 500X "MIRAFI" FABRIC OR EQUAL

SEC. B-B

CLASS III RIPRAP AT OUTLETS



PIPE FOUNDATION & BEDDING IN GOOD SOILS

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STORM SEWER PLAN
END USE PLAN

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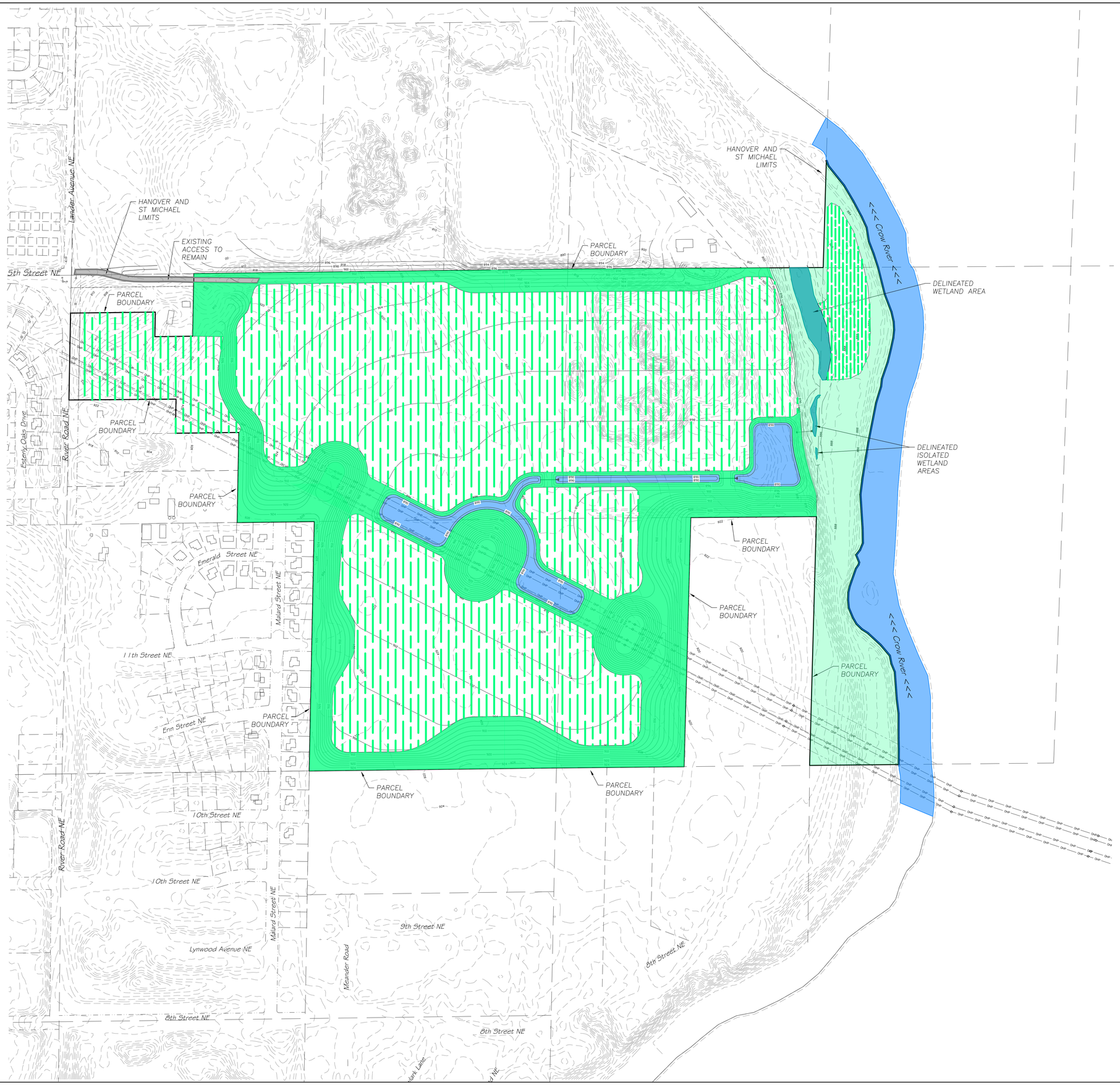
12/19/19 STORMSEWER LOCATIONS AND SCREENING BERM NOTES
02/26/19 INCORPORATE LANDSCAPE PLAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C5.2

Storm Sewer Plan
End Use Plan



LANDSCAPE NOTES:

1. EXISTING AGRICULTURE PRODUCTION AREAS NOT DISTURBED OR ACTIVELY MINED ARE TO REMAIN IN CROP PRODUCTION ANNUALLY WITH APPROPRIATE CROP ROTATION.
2. AT TIME OF RECLAIM OR END USE RESTORATION, AREAS DESIGNATED AS AGRICULTURE PRODUCTION ARE TO BE KEPT IN CROP PRODUCTION ANNUALLY WITH APPROPRIATE CROP ROTATION.
3. VEGETATION GROUND COVER AREAS ARE AREAS OTHER THAN THOSE DESIGNATED AS AGRICULTURE PRODUCTION OR NATIVE VEGETATION TO REMAIN.
4. VEGETATION GROUND COVER AREAS ARE TO BE COVERED WITH A MINIMUM 6" TOPSOIL AND SEEDED WITH MNDOT MIX 35-221 APPLIED AT 36.5 LBS/AC. MNDOT TYPE 1 MULCH SHALL BE APPLIED AT 2 TONS/AC AND DISC ANCHORED. SEEDING AND MULCHING SHALL CONFORM TO THE LATEST NPDES REQUIREMENTS FOR INSTALLATION SCHEDULE WITH REGARDS TO GRADING.
5. FERTILIZER FOR TURF SHALL BE MNDOT TYPE 3 22-5-10 AND APPLIED AT 350 LB/AC. DISC FERTILIZER INTO TOP 3" OF SOIL. SPECIFICATION REFERENCE IS MNDOT 2574.
6. DORMANT SEED MIX SHALL BE USED AFTER NOVEMBER 1 OR WHEN TEMPERATURES DO NOT EXCEED 40° F, USING SAME RATES SPECIFIED ABOVE. NO SEED SHALL BE PLACED ON SNOW OR ICE GREATER THAN 2" IN DEPTH.
7. ANY SEEDED AREAS THAT DO NOT BECOME ESTABLISHED WITH VEGETATION SHALL BE RE-SEEDED AT CONTRACTOR'S EXPENSE.

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- NATIVE VEGETATION TO REMAIN
- AGRICULTURE PRODUCTION AREA
- VEGETATION GROUND COVER AREA
- ACCESS DRIVE

INDEX OF CIVIL SITE DRAWINGS:

C0	PROJECT LOCATION PLAN
C1.0–C1.8	EXISTING CONDITIONS & CROSS SECTION
C2.0–C2.4	PROPOSED OPERATIONS
C3.0–C3.4	END USE PLAN
C4.1–C4.2	STORM WATER POLLUTION PREVENTION PLAN
C5.1–C5.2	STORM SEWER PLAN
C6.0	LANDSCAPE PLAN

FEHN COMPANIES

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301

Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

LANDSCAPE PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: 12/26/19 Reg. No. 24348

PREPARED BY: **CIVIL ENGINEERING SITE DESIGN**

118 East Broadway St.
P.O. Box 159
Monticello, MN 55362
Phone: 763-271-0929
www.civilsd.com

REVISIONS
11/20/19 END USE CONTOUR MODIFICATIONS
12/02/19 END USE CONTOUR MODIFICATIONS
12/19/19 STOCKPILE LOCATIONS AND SCREENING BERM NOTES
12/26/19 INGRESS/EGRESS LANDSCAPE CHAN

DATE	DRAWN BY	DESIGNED BY	CHECKED BY
09/25/19	SD	SD	SD

FILE NO. 00722

C6.0

Landscape Plan

Dust Control Plan

Mahler Aggregate Mine

City of Hanover, Wright County, Minnesota

Prepared for
Fehn Companies, Inc.

by
Kjolhaug Environmental Services Company, Inc.
(KES Project No. 2019-012)

June 12, 2019

Dust Control Plan

Mahler Aggregate Mine

City of Hanover, Wright County, Minnesota

TABLE OF CONTENTS

1. PROJECT DESCRIPTION 1
2. PROJECT LOCATION AND SURROUNDING LAND USE 1
3. PLAN PURPOSE 1
4. STATE AND FEDERAL REQUIREMENTS 1
5. DUST ASSESSMENT 2
6. DUST MITIGATION MEASURES 2
7. CONCLUSIONS 3

Dust Control Plan

Mahler Aggregate Mine

City of Hanover, Wright County, Minnesota

1. Project Description

The Mahler Aggregate Mine is proposing a 130-acre expansion of an existing 25-acre aggregate mine. The mine will be located on 184.9 acres of land in the City of Hanover. The operation will include sand and gravel mining, a wash plant, concrete recycling, and stormwater management. Expansion of the existing aggregate mine will start in September of 2019 and be phased over 15 to 20 years, depending on the demand for aggregate and market conditions.

2. Project Location and Surrounding Land Use

The project is located in Section 30, T120N, R23W , and Section 25, T120N, R24W. The project area is bordered on the north by 15th Street NE, a separate aggregate mining operation, and the City of St. Michael. The project is bordered on the east by the Crow River; on the south by Riverside County Park and agricultural land; and on the west by single-family residential, rural residential, and River Road NE/Lander Avenue NE.

3. Plan Purpose

This dust control plan is prepared to identify practices that will be employed to control fugitive dust emissions at the Mahler Aggregate Mine. Aggregate mining has occurred at the project location since 2006. Mining is to be expanded to cover up to 155 acres, in five phases consisting of about 25 to 40 acres each over the next to 15 to 20 years.

This plan addresses fugitive dust emissions created by mining operations and reclamation activities related to the mine. This plan establishes methods to control fugitive dust emissions from vehicles traveling on unpaved roads, material handling, and wind erosion from disturbed areas. These measures will be implemented, as needed, for the duration of the project.

4. State and Federal Requirements

Minnesota Rule 7011.0150 (Preventing Particulate Matter from Becoming Airborne) does not allow the "handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne." It requires "reasonable precautions to prevent the discharge of visible fugitive dust emissions beyond the property line on which the emissions originate." The Minnesota Pollution Control Agency (MPCA) requires operators of crushed stone and sand and gravel plants to use dust control measures in their operations. The term "fugitive dust" when referring to emissions from aggregate processing, means the dust does

not come from an emission "smoke stack," but from areas exposed to wind such as unpaved roads, stockpiles, or transfer points between conveyors.

Aggregate processing equipment (crushers, screens, conveyors) are subject to the U.S. Environmental Protection Agency (EPA) Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60). This rule sets opacity limits for dust emissions from equipment. Opacity refers to the obstruction of light transmittance caused by plumes of dust or gases.

5. Dust Assessment

Sand and gravel mining processing operations include crushing, screening, size classification, material handling, storage operations, and truck loading/unloading. Portable crushing plants consist of an assortment of individual pieces of equipment that are used to physically reduce, size and/or separate earth materials. All of these processes can result in dust emissions. If not properly controlled, dust can be carried by into surrounding neighborhoods by wind.

Dust can become airborne by wind and/or machine movement. Emissions occur at conveyors and drop or transfer points from one conveyor to the next. Storage piles can emit dust under atmospheric conditions such as dry winds. Similarly, unpaved haul roads emit dust under windy conditions and during use by trucks and passenger vehicles. Factors affecting emissions include the amount of activity at the site (dumping, crushing, hauling), the amount of wind, and the moisture content of the aggregate material.

Wash plants do not generate substantial dust because the earthen material becomes wet and stops emitting dust at the start of the wash plant. The moisture content of washed material is high enough to control particulate emissions.

6. Dust Mitigation Measures

The project will prevent avoidable visible dust emissions beyond the property boundary by applying water, approved commercial dust suppressants (such as magnesium chloride), use of a reduced speed limit on haul roads (e.g., 15 mph), and/or tarping of truck loads prior to leaving the mining area. Allowing greater vehicle speeds on unpaved roads can increase the potential for dust generation. These measures are expected to reduce fugitive dust emissions to a reasonable level.

Application of water often provides sufficient dust suppression. Chemical suppression should be used if water does not reduce visible dust enough to keep it from crossing the site boundary. Gravel roads will be sprayed with water or chemical dust suppressants when warranted by dust emissions and site conditions (dry, frequent truck trips, etc.).

Fugitive dust from loading operations will be controlled primarily by spraying problem areas with water. Disturbed areas such as stockpiles and temporary roads are susceptible to wind-blown fugitive dust generation. Fugitive dust emissions from these areas will be limited by using

best management practices such as applying water or chemical dust suppressants, covering, and temporary seeding.

7. Conclusions

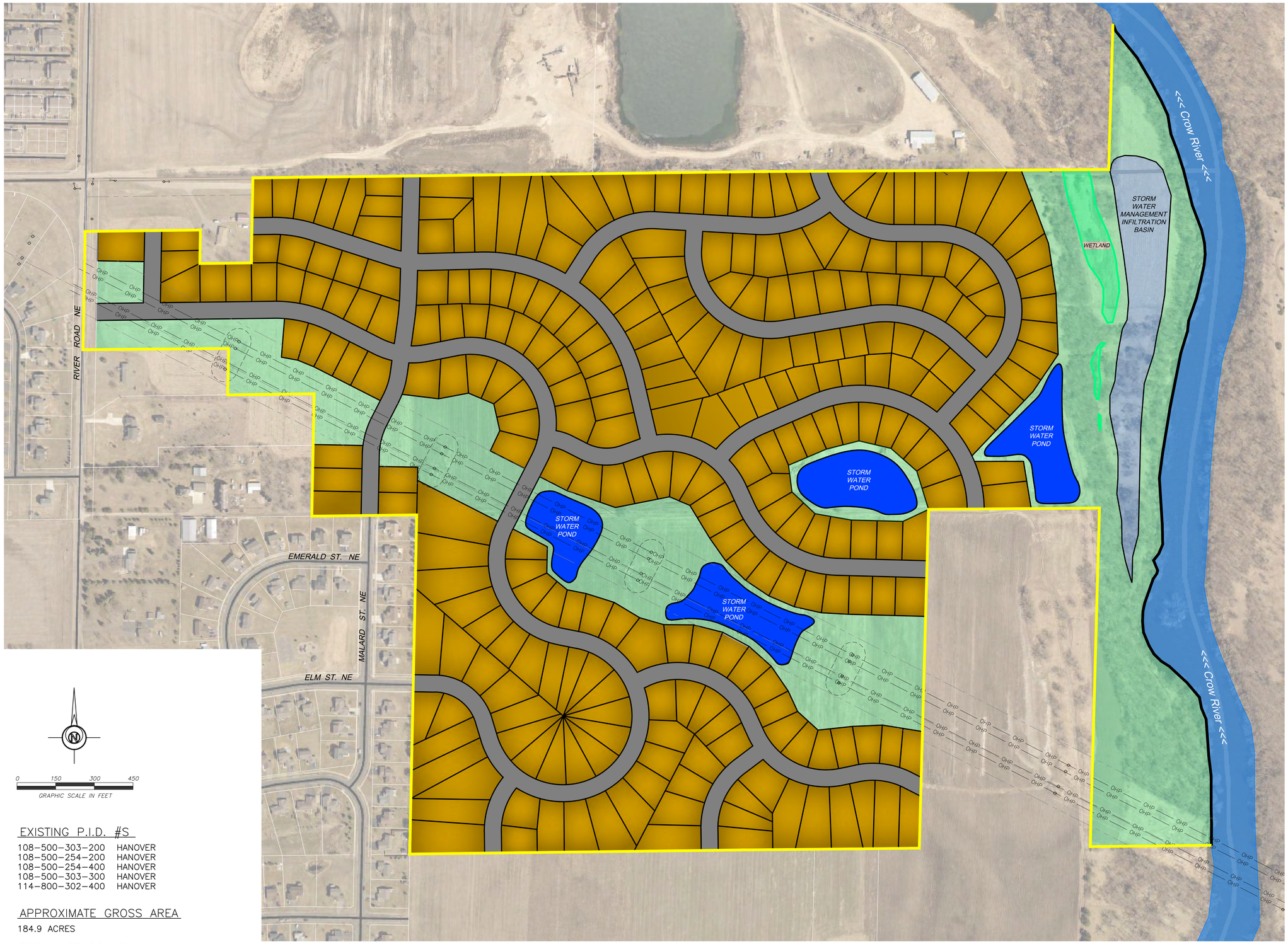
Mitigation of dust emissions from aggregate processing and handling operations includes two basic options:

1. reducing the number of processing and/or handling operations; and
2. applying dust control agents such as water or chemical dust suppressants.

Dust control measures to be considered include:

1. use of conveyors to transport aggregate material onsite;
2. limiting the number and distance of internal truck trips by using conveyors;
3. active reclamation to minimize exposed soil areas;
4. use of water (wet suppression) to minimize fugitive dust emissions;
5. covering truckloads prior to aggregate transport during dry or windy conditions;
6. chemical dust suppression; and
7. sequenced mining of smaller subphases.

These dust control measures are expected to reduce emissions of dust and particulate matter from the proposed mining operation.



0 150 300 450

GRAPHIC SCALE IN FEET

EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	HANOVER

APPROXIMATE GROSS AREA

184.9 ACRES

TOTAL LOT COUNT

275 LOTS

ANTICIPATED FUTURE ZONING

R-1A SINGLE FAMILY RESIDENTIAL

FEHN COMPANIES

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301

Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

CONCEPT LOT PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: _____ Reg. No. _____

PREPARED BY: **CIVIL ENGINEERING SITE DESIGN**

1118 East Broadway St.
PO Box 765
Monticello, MN 55362
Phone: 763-271-0929
www.civilsed.com

REVISIONS

DATE	09/04/19
DRAWN BY	SD
DESIGNED BY	SD
CHECKED BY	SD

FILE NO. 00722

1/1

Concept Plan

Minnesota Wetland Conservation Act
Notice of Decision

Local Government Unit (LGU)	Address
Wright SWCD	**311 Brighton Ave S, Suite C** **Buffalo, MN 55313**

1. PROJECT INFORMATION

Applicant Name	Project Name	Date of Application	Application Number
Fehn Companies, Inc.	**Mahler Aggregate Mine – PID's 114800302400, 108500303200, 108500303300, 108500254200, 108500254400**	**7-2-19**	

☒ Attach site locator map.

Type of Decision:

☒ Wetland Boundary or Type ☐ No-Loss ☐ Exemption ☐ Sequencing
☐ Replacement Plan ☐ Banking Plan

Technical Evaluation Panel Findings and Recommendation (if any):

☒ Approve ☐ Approve with conditions ☐ Deny

Summary (or attach): Cade Steffenson (BWSR) provided comments via e-mail on 8-7-19 concurring with the revised wetland boundary based on the LGU's site visit on 8-6-19. No other comments were provided by the TEP.

2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: **8-14-19**

☒ Approved ☐ Approved with conditions (include below) ☐ Denied

LGU Findings and Conclusions (attach additional sheets as necessary):

Kjolhaug Env. Services (Kyle Uhler) submitted a wetland boundary/type application on behalf of the applicant, Fehn Companies, Inc on 7-2-19. The assessment area is in T120N, R24W, Sec. 25 and T120N, R23W, Sec. 30., City of Hanover – PID's 114800302400, 108500303200, 108500303300, 108500254200, 108500254400. The Crow River (DNR Public Watercourse M-064) is located adjacent to the eastern portion of the assessment area.

The LGU conducted a site review on 8-6-19. The LGU agreed that one wetland basin originally identified in the boundary/type application could be removed due to a lack of wetland indicators during the site review. A revised wetland boundary/figure was received on 8-7-19 that removed Wetland 4 that was included in the original application. The LGU concurs with the wetland boundary/type as described within the original application (with the omission of Wetland 4) and shown on the attached revised wetland boundary figure.

For Replacement Plans using credits from the State Wetland Bank:

Bank Account #	Bank Service Area	County	Credits Approved for Withdrawal (sq. ft. or nearest .01 acre)

Replacement Plan Approval Conditions. In addition to any conditions specified by the LGU, the approval of a Wetland Replacement Plan is conditional upon the following:

☐ **Financial Assurance:** For project-specific replacement that is not in-advance, a financial assurance specified by the LGU must be submitted to the LGU in accordance with MN Rule 8420.0522, Subp. 9 (List amount and type in LGU Findings).

☐ **Deed Recording:** For project-specific replacement, evidence must be provided to the LGU that the BWSR "Declaration of Restrictions and Covenants" and "Consent to Replacement Wetland" forms have been filed with the county recorder's office in which the replacement wetland is located.

☐ **Credit Withdrawal:** For replacement consisting of wetland bank credits, confirmation that BWSR has withdrawn the credits from the state wetland bank as specified in the approved replacement plan.

Wetlands may not be impacted until all applicable conditions have been met!

LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.		
Name **Andrew Grean**	Title **Wetland Specialist**	
Signature	Date **8-14-19**	Phone Number and E-mail **763.682.1933** **andrew.grean@mn.nacdnet.net**

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT. Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.

Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

3. APPEAL OF THIS DECISION

Pursuant to MN Rule 8420.0905, any appeal of this decision can only be commenced by mailing a petition for appeal, including applicable fee, within thirty (30) calendar days of the date of the mailing of this Notice to the following as indicated:

Check one:

☒ Appeal of an LGU staff decision. Send petition and $50**0** fee (if applicable) to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155	☐ Appeal of LGU governing body decision. Send petition and $500 filing fee to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155

4. LIST OF ADDRESSEES

☒ SWCD TEP member: **Andrew Grean, Wright SWCD, andrew.grean@mn.nacdnet.met**

☒ BWSR TEP member: **Cade Steffenson, BWSR, cade.steffenson@state.mn.us**
☒ LGU TEP member (if different than LGU Contact): **Jeremy Carlson, Wright County Highway Dept., jeremy.carlson@co.wright.mn.us**
☒ DNR TEP member: **James Bedell, DNR, james.bedell@state.mn.us**
☐ DNR Regional Office (if different than DNR TEP member)
☐ WD or WMO (if applicable):
☒ Applicant (notice only) and Landowner (if different)

Fehn Companies, Inc. (landowner), gfehn@fehncompanies.com
Kyle Uhler (Kjolhaug Env. Services - Agent), kyle@kjolhaugenv.com

☒ Members of the public who requested notice (notice only):

Frank Svoboda, fjsvoboda@gmail.com
Cody Okeson, USFWS, cody_okeson@fws.gov
Scott Glup, USFWS, scott_glup@fws.gov

☒ Corps of Engineers Project Manager (notice only):

usace_requests_mn@usace.army.mil

☐ BWSR Wetland Bank Coordinator (wetland bank plan applications only)

5. MAILING INFORMATION

- For a list of BWSR TEP representatives: www.bwsr.state.mn.us/aboutbwsr/workareas/WCA_areas.pdf
- For a list of DNR TEP representatives: www.bwsr.state.mn.us/wetlands/wca/DNR_TEP_contacts.pdf
- Department of Natural Resources Regional Offices:

NW Region:	NE Region:	Central Region:	Southern Region:
Reg. Env. Assess. Ecol. Div. Ecol. Resources 2115 Birchmont Beach Rd. NE Bemidji, MN 56601	Reg. Env. Assess. Ecol. Div. Ecol. Resources 1201 E. Hwy. 2 Grand Rapids, MN 55744	Reg. Env. Assess. Ecol. Div. Ecol. Resources 1200 Warner Road St. Paul, MN 55106	Reg. Env. Assess. Ecol. Div. Ecol. Resources 261 Hwy. 15 South New Ulm, MN 56073

For a map of DNR Administrative Regions, see: http://files.dnr.state.mn.us/aboutdnr/dnr_regions.pdf

- For a list of Corps of Project Managers: www.mvp.usace.army.mil/regulatory/default.asp?pageid=687 or send to:

US Army Corps of Engineers
St. Paul District, ATTN: OP-R
180 Fifth St. East, Suite 700
St. Paul, MN 55101-1678

- For Wetland Bank Plan applications, also send a copy of the application to:

Minnesota Board of Water and Soil Resources
Wetland Bank Coordinator
520 Lafayette Road North
St. Paul, MN 55155

6. ATTACHMENTS

In addition to the site locator map, list any other attachments:

☒	**Revised Wetland Boundary Figure**
☐	
☐	
☐	
☐	

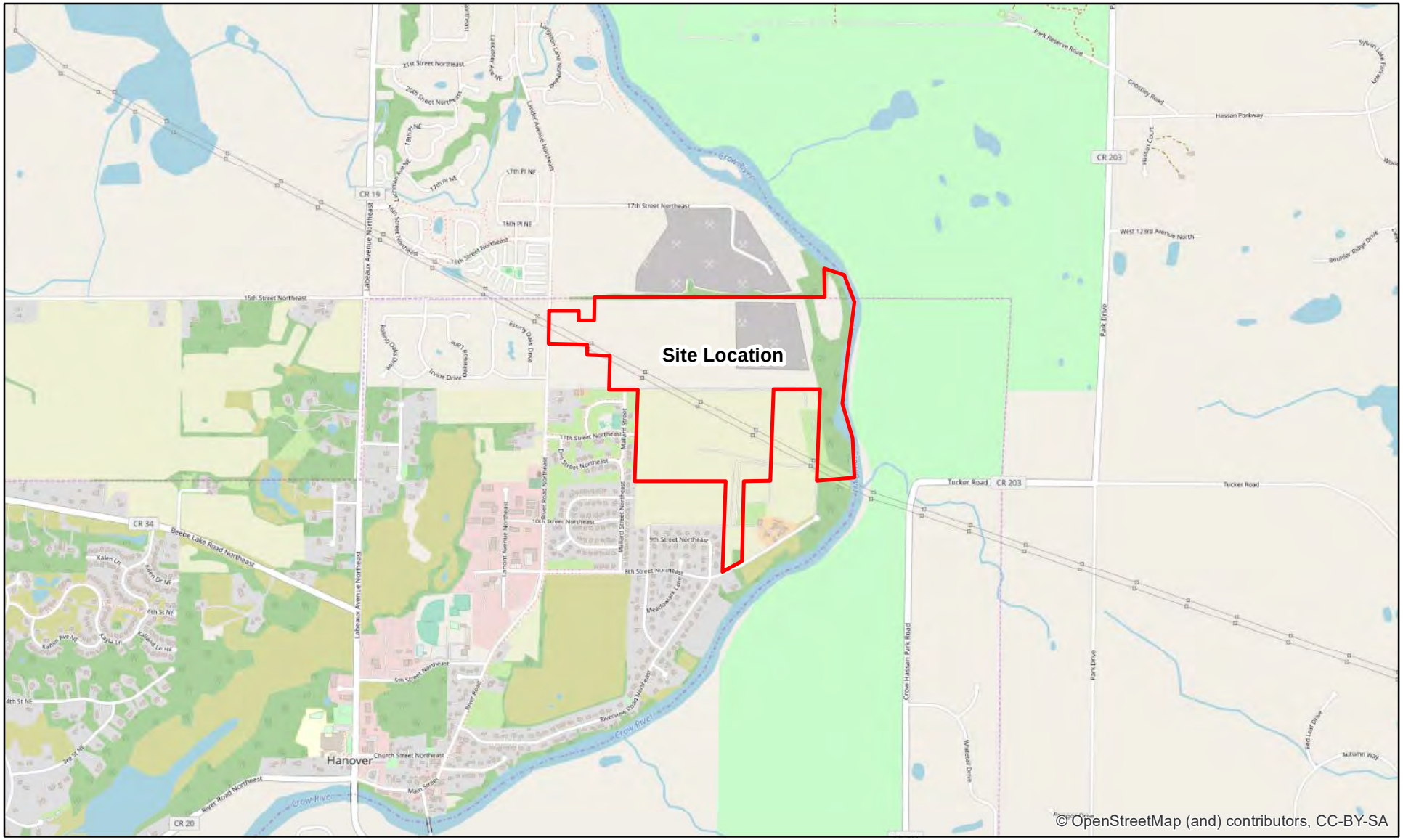


Figure 1 - Site Location

N

0 2,000 Feet

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Source: ESRI Streets Basemap

Mahler Aggregate Mine
Hanover, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

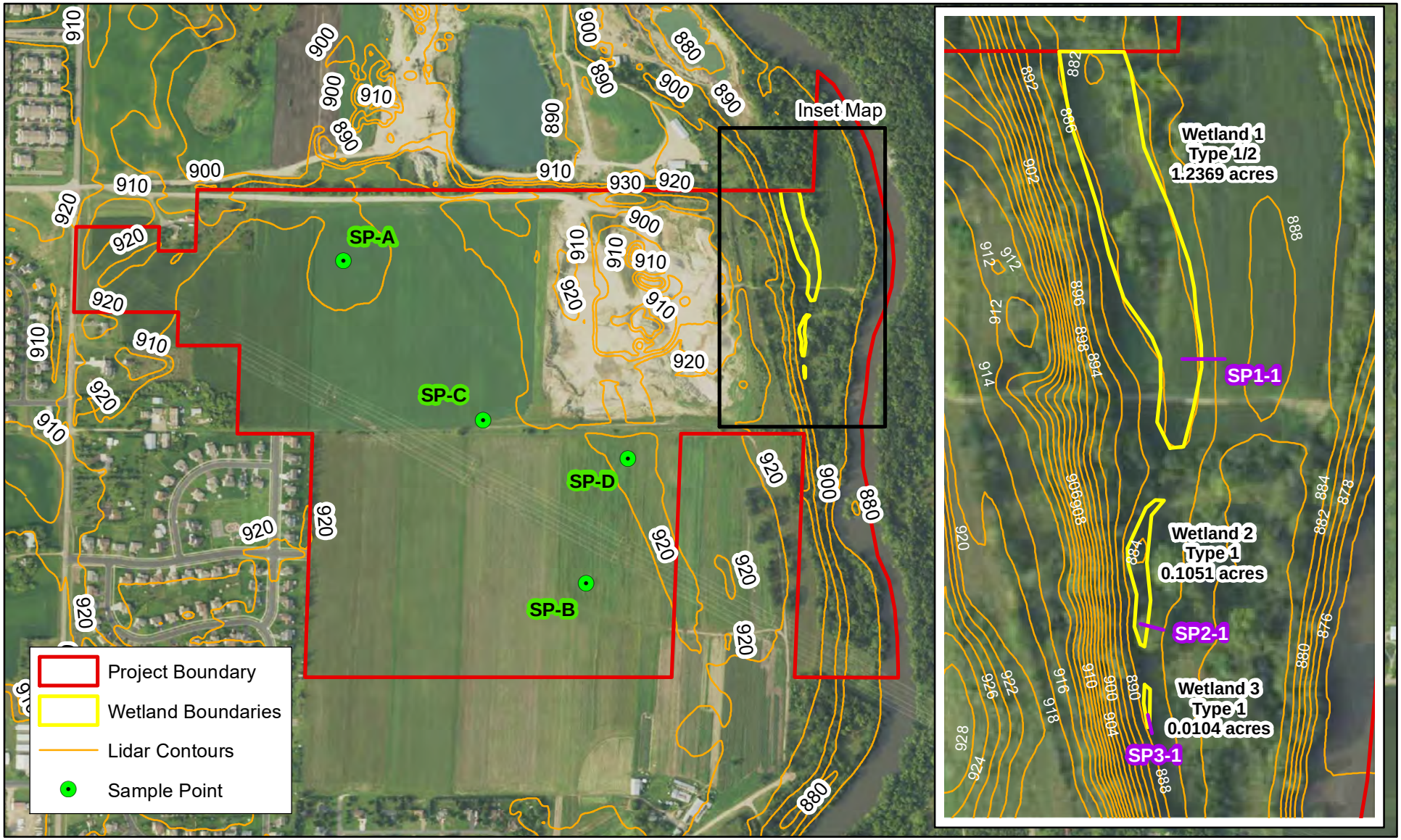


Figure 2 - Existing Conditions 8/6/2019 (2017 FSA Imagery)

N

0 750 Feet

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Source: MNGEO Spatial Commons

Mahler Aggregate Mine (KES 2019-035)
Hanover, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

Legend

Approximate Soil Boring Location

Haugo GeoTechnical Services, LLC
2825 Cedar Avenue S.
Minneapolis, MN 55407

Soil Boring Location Sketch
Mahler Aggregate Mine Expansion
Hanover, Minnesota

Figure #: 1
Drawn By: RD
Date: 5/14/19
Scale: None
Project #: 19-0388

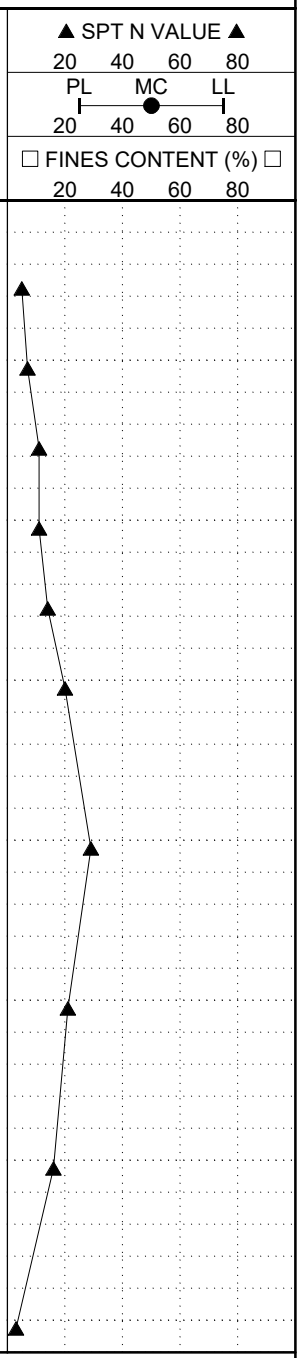
Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

BORING NUMBER SB-1

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 918.84 ft **HOLE SIZE** 3 1/4 inches
DRILLING CONTRACTOR HGTS - 750
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger/Split Spoon
AT TIME OF DRILLING 35.00 ft / Elev 883.84 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF DRILLING 31.70 ft / Elev 887.14 ft
NOTES Borehole grouted.
AFTER DRILLING --- Not Encountered with Cave-In Depth of 16 feet

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES
0		Silty Sand, trace Roots, brown, moist. (Topsoil)	AU 24				
		(SP-SM) Poorly Graded Sand with Silt, fine to medium grained, trace Gravel, brown, moist, loose to medium dense. (Glacial Outwash)	SS 25		2-3-2 (5)		
5			SS 26		2-2-5 (7)		
			SS 27		2-5-6 (11)		
10		(SP) Poorly Graded Sand, fine to coarse grained, with Gravel, brown, moist, medium dense. (Glacial Outwash)	SS 28		5-5-6 (11)		
			SS 29		3-6-8 (14)		
15			SS 30		6-10-10 (20)		
20			SS 31		9-14-15 (29)		
25		(SP) Poorly Graded Sand, fine grained, tan, moist, medium dense. (Glacial Outwash)	SS 32		7-10-11 (21)		
30		(SP) Poorly Graded Sand, fine to medium grained, brown, wet to waterbearing, medium dense to very loose. (Glacial Outwash)	SS 33		3-7-9 (16)		
35			SS 34		2-1-2 (3)		

Bottom of borehole at 36.0 feet.



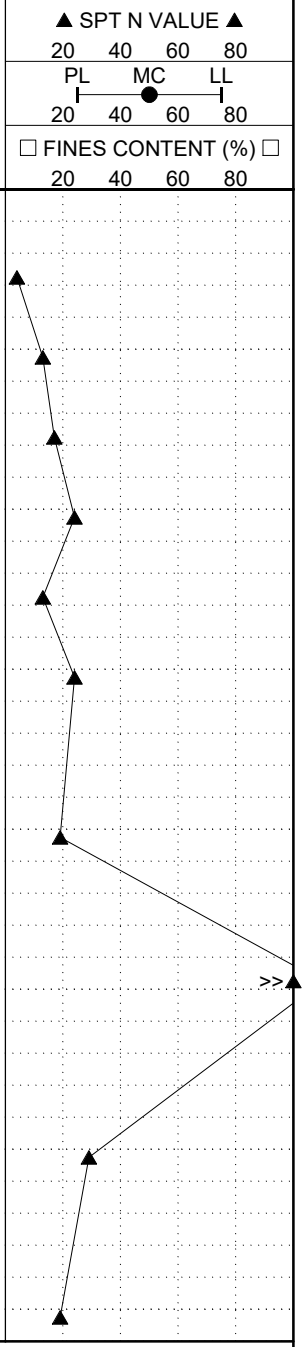
GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

BORING NUMBER SB-2

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 920.01 ft **HOLE SIZE** 3 1/4 inches
DRILLING CONTRACTOR HGTS - 750
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger/Split Spoon
AT TIME OF DRILLING 35.00 ft / Elev 885.01 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF DRILLING 33.60 ft / Elev 886.41 ft
NOTES Borehole grouted.
AFTER DRILLING --- Not Encountered with Cave-In Depth of 14 feet

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES
0		Silty Sand, trace Organics, black, moist. (Topsoil)	AU 13				
		(SP-SM) Poorly Graded Sand with Silt, fine to medium grained, brown, moist, very loose. (Glacial Outwash)	SS 14		2-2-2 (4)		
5		(SP) Poorly Graded Sand, fine to coarse grained, trace to with Gravel, brown, moist to waterbearing, medium dense to very dense. (Glacial Outwash)	SS 15		4-6-7 (13)		
			SS 16		5-8-9 (17)		
10			SS 17		5-10-14 (24)		
			SS 18		6-6-7 (13)		
15			SS 19		14-15-9 (24)		
20			SS 20		3-10-9 (19)		
25			SS 21		50/6"		
30			SS 22		9-14-15 (29)		
35			SS 23		7-10-9 (19)		



Bottom of borehole at 36.0 feet.

GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

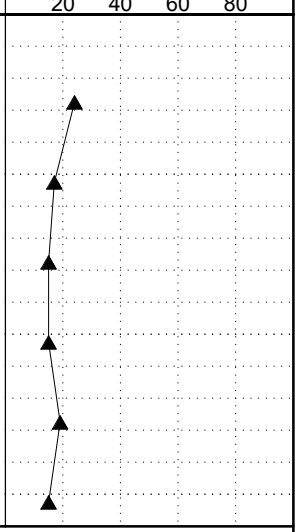
Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

BORING NUMBER SB-3

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 901.38 ft **HOLE SIZE** 3 1/4 inches
DRILLING CONTRACTOR HGTS - 750
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger/Split Spoon
AT TIME OF DRILLING 14.50 ft / Elev 886.88 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF DRILLING ---
NOTES
AFTER DRILLING --- Not Encountered with Cave-In Depth of 6 feet

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES
0		Poorly Graded Sand with Silt, fine to coarse grained, with Gravel, brown, moist. (FILL)	AU 6				
		(SP) Poorly Graded Sand, fine to medium grained, trace Gravel, light brown, moist, medium dense. (Glacial Outwash)	SS 7		6-12-12 (24)		
5			SS 8		5-8-9 (17)		
			SS 9		2-7-8 (15)		
10			SS 10		2-7-8 (15)		
		(SP) Poorly Graded Sand, fine to coarse grained, with Gravel, brown, moist to waterbearing, medium dense. (Glacial Outwash)	SS 11		4-9-10 (19)		
15			SS 12		4-6-9 (15)		

▲ SPT N VALUE ▲ 20 40 60 80
PL MC LL 20 40 60 80
☐ FINES CONTENT (%) ☐ 20 40 60 80



Bottom of borehole at 16.0 feet.

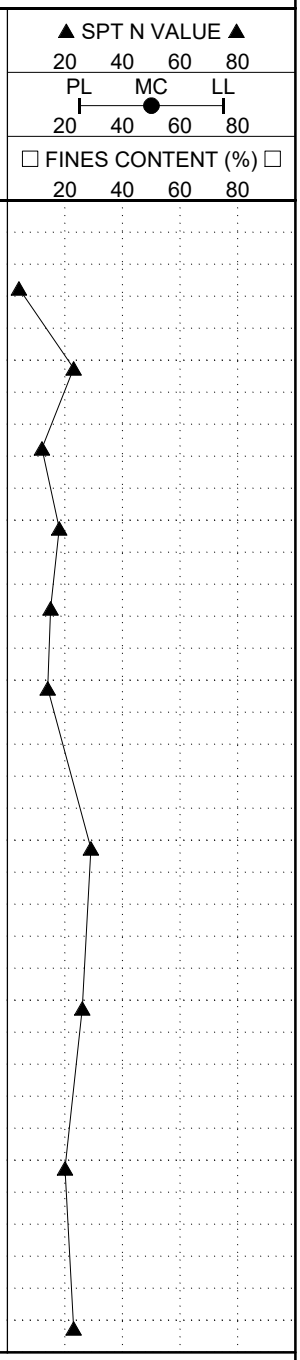
GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

BORING NUMBER SB-4

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 923.53 ft **HOLE SIZE** 3 1/4 inches
DRILLING CONTRACTOR HGTS - 750
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger/Split Spoon
AT TIME OF DRILLING 35.00 ft / Elev 888.53 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF DRILLING 34.70 ft / Elev 888.83 ft
NOTES Borehole grouted.
AFTER DRILLING --- Not Encountered with Cave-In Depth of 16 feet

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES
0		Silty Sand, trace Roots, dark brown, moist. (Topsoil)	AU 35				
		(SP-SM) Poorly Graded Sand with Silt, fine to medium grained, trace Gravel, brown, moist, very loose. (Glacial Outwash)	SS 36		2-2-2 (4)		
5		(SP) Poorly Graded Sand, fine to coarse grained, with Gravel, brown, moist, medium dense. (Glacial Outwash)	SS 37		5-11-12 (23)		
			SS 38		4-6-6 (12)		
10			SS 39		5-9-9 (18)		
			SS 40		4-8-7 (15)		
15			SS 41		4-6-8 (14)		
20		(SP) Poorly Graded Sand, mostly fine grained, trace Gravel, light brown, moist, medium dense. (Glacial Outwash)	SS 42		3-13-16 (29)		
25		(SP) Poorly Graded Sand, fine to medium grained, trace Gravel, light brown, moist, medium dense. (Glacial Outwash)	SS 43		9-12-14 (26)		
30		(SP) Poorly Graded Sand, fine to coarse grained, with Gravel, brown, watebearing, medium dense. (Glacial Outwash)	SS 44		9-10-10 (20)		
35			SS 45		7-12-11 (23)		



Bottom of borehole at 36.0 feet.

GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

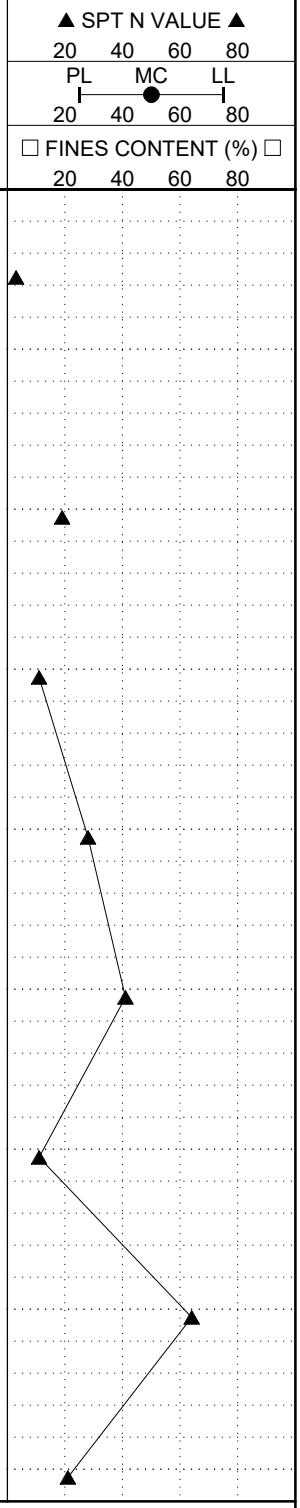
HAUGO GEOTECHNICAL SERVICES
Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

BORING NUMBER SB-5

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 925.13 ft **HOLE SIZE** 3 1/4 inches
DRILLING CONTRACTOR HGTS - 750
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger/Split Spoon
AT TIME OF DRILLING 40.00 ft / Elev 885.13 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF DRILLING 39.50 ft / Elev 885.63 ft
NOTES Borehole grouted.
AFTER DRILLING --- Not Encountered with Cave-In Depth of 18 feet

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES
0		Silty Sand, dark brown to black, moist. (Topsoil)	AU 46				
		(SP-SM) Poorly Graded Sand with Silt, fine to medium grained, trace Gravel, brown, moist, very loose. (Glacial Outwash)	SS 47		3-2-1 (3)		
5			SS 48				
			SS 49				
10		(SP) Poorly Graded Sand, fine to coarse grained, with Gravel, brown, moist, medium dense to dense. (Glacial Outwash)	SS 50		2-9-10 (19)		
			SS 51				
15			SS 52		3-5-6 (11)		
20			SS 53		5-12-16 (28)		
25			SS 54		10-18-23 (41)		
30		(SP) Poorly Graded Sand, fine to medium grained, trace Gravel, with Sandy Lean Clay seam at about 40 feet, with Gravel layer at about 35 feet, brown, moist, medium dense. (Galcial Outwash)	SS 55		3-5-6 (11)		
35			SS 56		8-36-28 (64)		
40			SS 57		16-9-12 (21)		

Bottom of borehole at 41.0 feet.



GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

TEST PIT NUMBER TP-1

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 886.53 ft **TEST PIT SIZE** inches
EXCAVATION CONTRACTOR HGTS
GROUND WATER LEVELS:
EXCAVATION METHOD Test Pit
AT TIME OF EXCAVATION 7.50 ft / Elev 879.03 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF EXCAVATION ---
NOTES
AFTER EXCAVATION ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES	▲ SPT N VALUE ▲ 20 40 60 80 / PL MC LL 20 40 60 80 / ☐ FINES CONTENT (%) ☐ 20 40 60 80
0		(SM) Silty Sand, black to dark brown, moist.						
5		(SM) Silty Sand, brown, moist to wet.						

Bottom of test pit at 7.5 feet.

GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

TEST PIT NUMBER TP-2

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 887.66 ft **TEST PIT SIZE** inches
EXCAVATION CONTRACTOR HGTS
GROUND WATER LEVELS:
EXCAVATION METHOD Test Pit
AT TIME OF EXCAVATION 7.00 ft / Elev 880.66 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF EXCAVATION ---
NOTES
AFTER EXCAVATION ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES	▲ SPT N VALUE ▲ 20 40 60 80 / PL MC LL 20 40 60 80 / ☐ FINES CONTENT (%) ☐ 20 40 60 80
0		(SM) Silty Sand, dark brown, wet.						
		(SM) Silty Sand, brown, waterbearing.						
5		(ML) Silt, light brown, wet.						

Bottom of test pit at 9.0 feet.

GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

TEST PIT NUMBER TP-3

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 888.26 ft **TEST PIT SIZE** inches
EXCAVATION CONTRACTOR HGTS
GROUND WATER LEVELS:
EXCAVATION METHOD Test Pit
AT TIME OF EXCAVATION 8.00 ft / Elev 880.26 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF EXCAVATION ---
NOTES
AFTER EXCAVATION ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES	▲ SPT N VALUE ▲ 20 40 60 80 / PL MC LL 20 40 60 80 / ☐ FINES CONTENT (%) ☐ 20 40 60 80
0		(SM) Silty Sand, black to dark brown.						
5		(SP-SM) Poorly Graded Sand with Silt, fine to medium grained, brown, waterbearing.						
10								

Bottom of test pit at 10.0 feet.

GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

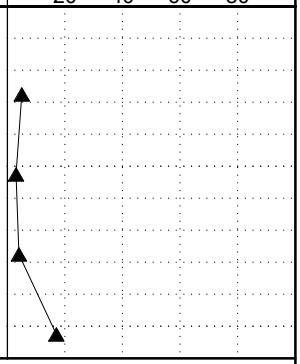
Haugo GTS
2825 Cedar Ave South
Minneapolis, MN 55407
Telephone: 612-729-2959

TEST PIT NUMBER TP-P2

CLIENT Fehn Companies
PROJECT NAME Mahler Aggregate Mine Expansion
PROJECT NUMBER 19-0388
PROJECT LOCATION Hanover, MN
DATE STARTED 5/10/19 **COMPLETED** 5/10/19
GROUND ELEVATION 888.87 ft **TEST PIT SIZE** 3 1/4 inches
EXCAVATION CONTRACTOR HGTS - 750
GROUND WATER LEVELS:
EXCAVATION METHOD Hollow Stem Auger/Split Spoon
AT TIME OF EXCAVATION 9.00 ft / Elev 879.87 ft
LOGGED BY NA **CHECKED BY** PG
AT END OF EXCAVATION ---
NOTES
AFTER EXCAVATION ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	MOISTURE CONT. (%)	NOTES
0		Silty Sand, trace Roots, dark brown, moist. (Topsoil)	AU 1				
			SS 2		2-2-3 (5)		
5		(SP-SM) Poorly Graded Sand with Silt, fine grained, dark brown to brown, wet, very loose to loose. (Alluvium)	SS 3		2-2-1 (3)		
		(SP-SM) Poorly Graded Sand with Silt, with Shells, brown, wet, very loose. (Alluvium)	SS 4		1-2-2 (4)		
10		(SP) Poorly Graded Sand, fine to coarse grained, with Gravel, brown, wet to waterbearing, medium dense. (Glacial Outwash)	SS 5		9-10-7 (17)		

▲ SPT N VALUE ▲ 20 40 60 80
PL MC LL 20 40 60 80
☐ FINES CONTENT (%) ☐ 20 40 60 80



Bottom of test pit at 11.0 feet.

GEOTECH BH PLOTS - GINT STD US LAB.GDT - 5/23/19 08:53 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\19-0388 MAHLER AGGREGATE MINE EXPANSION.GPJ

Infiltrameter Recording Chart

Project Identification:	19-0388					**Constants**	**Area cm2**	**Depth of Liquid (cm)**	**Liquid Container Number**	**Marriotte Tube Volume**					
Test Location:	DRI-1 TP-2					**Inner Ring**	729	11.0	1	3000					
Elevation:			**Liquid Used:**	Water		**Annular Space**	2189	11.0	2	10000					
Tested By:	M. Swanson					**Liquid level maintained using:**		(X) Flow Valve ( ) Float Valve ( ) Mariotte Tubes							
Depth to water table:	N/A					**Penetration Depth of Outer Ring:** 3 inches									
					Flow Readings						**Inner Infiltration Rate**		**Ground Temperature**		**Remarks**	
Trial #	**Start / End**	**Date MM/DD/YY**	**Time HR:MIN**	**Elapsed Time Chg/(Total) Min**	**Inner Ring Reading cm**	**Inner Maroitte Tube Flow**	**Annular Space Reading cm**	**Annular Space Marriotte Tube Flow (ml)**	**Liquid Temp (F)**	**Inner Infiltration Rate (Inch/h)**	**Annular Infiltration Rate (Inch/h)**	**Ground Temp Depth (cm)**	**Temp at Depth (F)**	**Weather conditions Etc...**	**Hourly Inner Infiltration Rate (Inch/h)**
	Start Test	5/10/2019	11:05	0:15					63.0						
1	End Test	5/10/2019	11:20	0:15	n/a	3000	n/a	6000		6.48	4.32				
	Start Test	5/10/2019	11:20	0:15					63.0						
2	End Test	5/10/2019	11:35	0:30	n/a	3000	n/a	5000		6.48	3.60				6.26
	Start Test	5/10/2019	11:35	0:15					63.0						
3	End Test	5/10/2019	11:50	0:45	n/a	2800	n/a	3500		6.05	2.52				
	Start Test	5/10/2019	11:50	0:15					63.0						
4	End Test	5/10/2019	12:05	1:00	n/a	2800	n/a	3250		6.05	2.34				
	Start Test	5/10/2019	12:05	0:15					63.0						
5	End Test	5/10/2019	12:20	1:15	n/a	2500	n/a	3250		5.40	2.34				
	Start Test	5/10/2019	12:20	0:15					63.0						
6	End Test	5/10/2019	12:35	1:30	n/a	2500	n/a	3000		5.40	2.16				5.40
	Start Test	5/10/2019	12:35	0:15					63.0						
7	End Test	5/10/2019	12:50	1:45	n/a	2500	n/a	3000		5.40	2.16				
	Start Test	5/10/2019	13:05	0:15					63.0						
8	End Test	5/10/2019	13:20	2:00	n/a	2500	n/a	3000		5.40	2.16				
	Start Test			0:00					63.0						
9	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						
10	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						0.00
11	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						
12	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						
13	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						
14	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						0.00
15	End Test			2:00	n/a		n/a			0.00	0.00				
	Start Test			0:00					63.0						
16	End Test			2:00	n/a		n/a			0.00	0.00				
Final Results	**Start Test**	6/30/2015	**11:40**			**21600**		**30000**		**2.92**	**1.35**	**Total Infiltration in Inches (4 Hour Test)**			**11.67**
	End Test	6/30/2015	**14:40**	**3:00**											

Mahler Pit Existing Water Table Data

per soil borings by Haugo GTS 05/10/2019

Boring No.	Water Table Elvation
1	883.84
2	885.1
3	886.88
4	888.53
5	885.13
Average =	885.9

Minnesota Native Landscapes
8740 77th Street NE Otsego, MN 55362

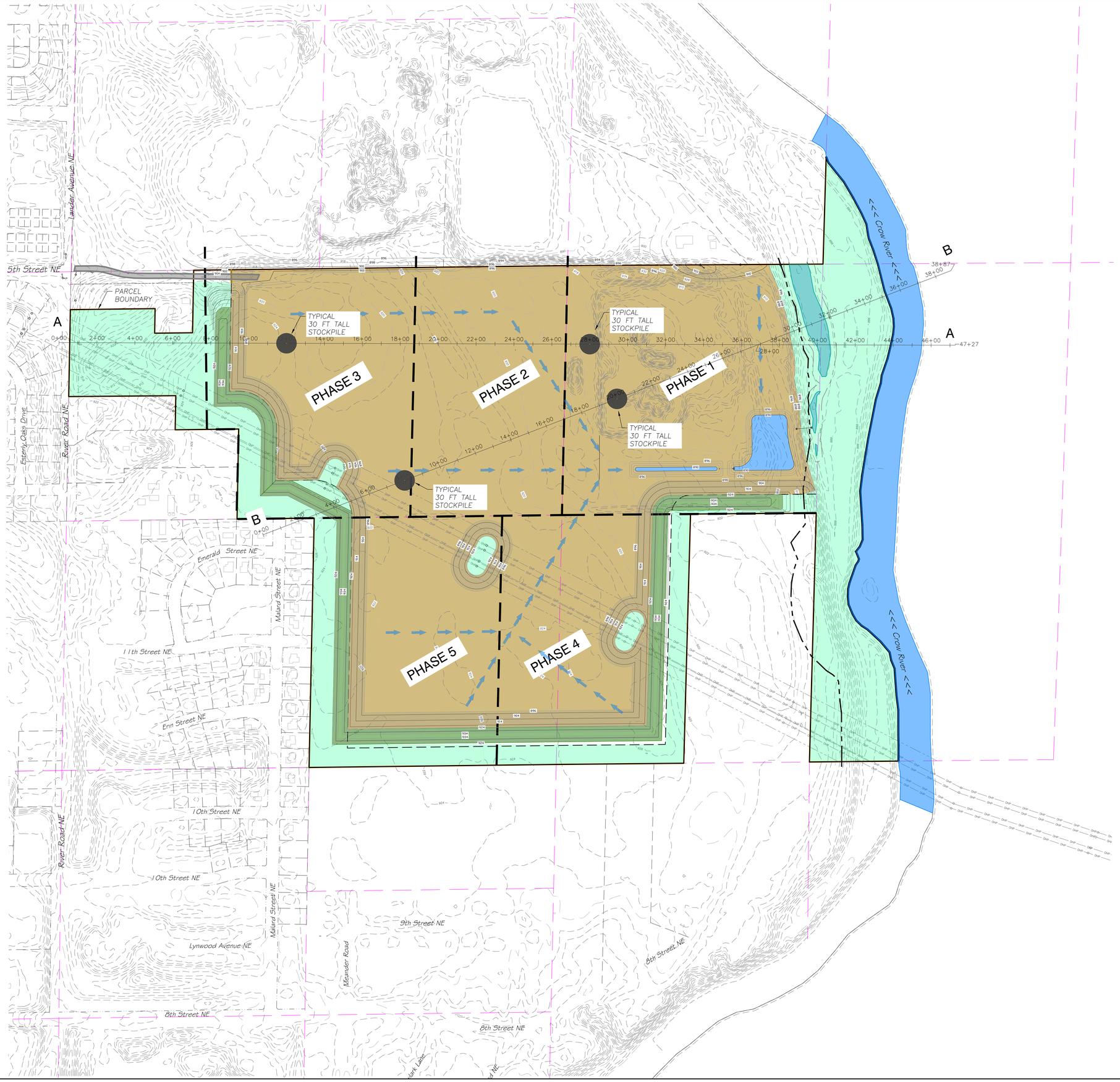
35-221
Dry Prairie General

	Scientific Name	Common Name	% of Mix	PLS lbs/ac	Seeds/SF
Grasses:	*Andropogon gerardii*	Big Bluestem	1.92	0.70	2.57
	Bouteloua curtipendula	Side-Oats Grama	8.22	3.00	10.96
	Bouteloua gracilis	Blue Grama	1.37	0.50	7.35
	Bromus kalmii	Prairie Brome	2.00	0.73	2.15
	Elymus canadensis	Canada Wild Rye	2.74	1.00	1.91
	Koeleria macrantha	Junegrass	0.68	0.25	16.07
	Schizachyrium scoparium	Little Bluestem	8.22	3.00	16.53
	Sorghastrum nutans	Indian Grass	1.92	0.70	3.09
	Sporobolus heterolepis	Prairie Dropseed	0.33	0.12	0.71
		Grasses Total:	**27.40**	**10.00**	**61.33**
Forbs:	*Agastache foeniculum*	Fragrant Giant Hyssop	0.16	0.06	1.98
	Amorpha canescens	Leadplant	0.25	0.09	0.53
	Asclepias tuberosa	Butterfly Milkweed	0.16	0.06	0.09
	Astragalus canadensis	Canada Milk Vetch	0.16	0.06	0.37
	Coreopsis palmata	Prairie Coreopsis	0.16	0.06	0.22
	Dalea candida	White Prairie Clover	0.16	0.06	0.42
	Dalea purpureum	Purple Prairie Clover	0.52	0.19	1.05
	Desmodium canadense	Canada Tick Trefoil	0.16	0.06	0.12
	Helianthus pauciflorus	Stiff Sunflower	0.16	0.06	0.09
	Liatris aspera	Rough Blazing Star	0.11	0.04	0.24
	Monarda fistulosa	Wild Bergamot	0.16	0.06	1.54
	Penstemon grandiflorus	Showy Penstemon	0.16	0.06	0.31
	Rudbeckia hirta	Black Eyed Susan	0.85	0.31	10.48
	Solidago nemoralis	Gray Goldenrod	0.11	0.04	4.41
	Solidago rigida	Stiff Goldenrod	0.16	0.06	0.90
	Symphyotrichum ericoides	Heath Aster	0.11	0.04	2.94
	Symphyotrichum laevis	Smooth Blue Aster	0.16	0.06	1.21
	Verbena stricta	Hoary Vervain	0.36	0.13	1.34
		Forbs Total:	**4.11**	**1.50**	**28.24**
Cover Crop:	*Avena sativa*	Oats	68.49	25.00	7.35
		Cover Crop Total:	**68.49**	**25.00**	**7.35**
		Totals:	100.00	36.50	96.91

Purpose:	General dry prairie mix for native roadsides, ecological restoration, or conservation program plantings
Planting Area:	Tallgrass Aspen Parklands, Prairie Parkland, and Eastern Broadleaf Forest Providences. Mn/DOT Districts 2(west), 3B, 4, Metro, 6, 7, & 8.

Shipping and Sales Tax added to all applicable orders. Prices are good for 30 days.

Wes@MNLcorp.com
8740 77th St NE Otsego, MN 55362
Office: (763) 295-0010
Fax: (763) 295-0025



0 100 200 300
GRAPHIC SCALE IN FEET

EXISTING P.I.D. #S

108-500-303-200	HANOVER
108-500-254-200	HANOVER
108-500-254-400	HANOVER
108-500-303-300	HANOVER
114-800-302-400	ST MICHAEL

APPROXIMATE GROSS AREA

184.9 ACRES

APPROXIMATE EXCAVATION AREA

133.9 ACRES

EXCAVATION PHASE DATA

PHASE 1	36.5 AC	2019-2021	*
PHASE 2	24.2 AC	2022-2024	
PHASE 3	31.2 AC	2025-2030	
PHASE 4	29.9 AC	2031-2034	
PHASE 5	29.9 AC	2035-2039	

* PHASE 1 AREA INCLUDES EXISTING ACTIVE MINE OPERATIONS

NOTE: 10 FT HIGH BERM TO BE REPOSITIONED IN CONJUCTION WITH EXCAVATION PHASE

LEGEND:

- PROJECT PROPERTY BOUNDARY
- EXISTING CONTOUR INDEX
- EXISTING CONTOUR INTERMEDIATE
- PROPOSED CONTOUR INDEX
- PROPOSED CONTOUR INTERMEDIATE
- PROPOSED DRAINAGE DIRECTION
- STORM WATER MANAGEMENT BASIN
- CROW RIVER
- EXISTING WETLAND AREA
- BERM 10 FT HIGH
- MINE EXCAVATION AREA
- NON-MINED AREA
- ACCESS DRIVE
- PHASE LIMIT

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301
Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

VIEW SHED ANALYSIS
PLAN VIEW

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: _____ Reg. No. _____

PREPARED BY: CIVIL ENGINEERING SITE DESIGN
118 East Broadway St.
PO Box 1929
Monticello, Mn. 55362
Phone: 763-271-7272
www.civilsd.com

REVISIONS

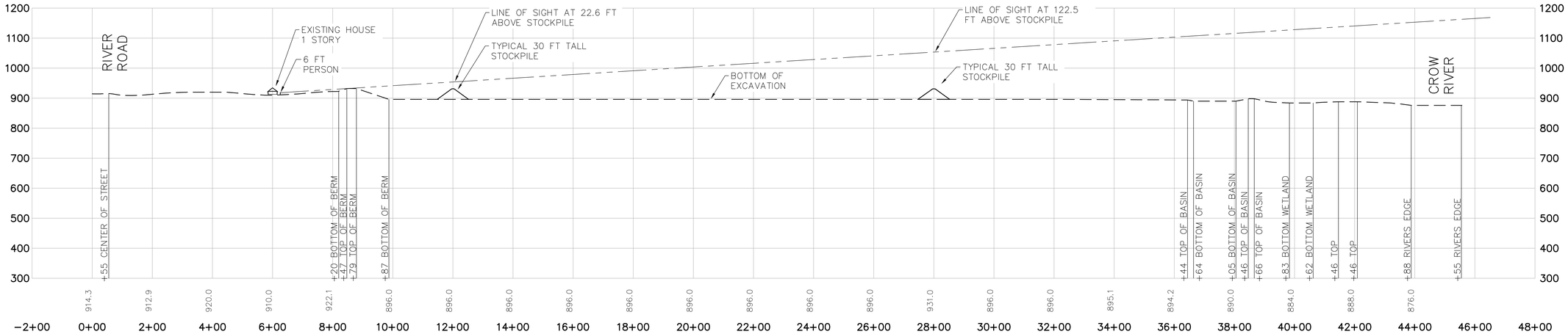
DATE 12/02/19	DRAWN BY SD	DESIGNED BY SD	CHECKED BY SD

FILE NO. 00722

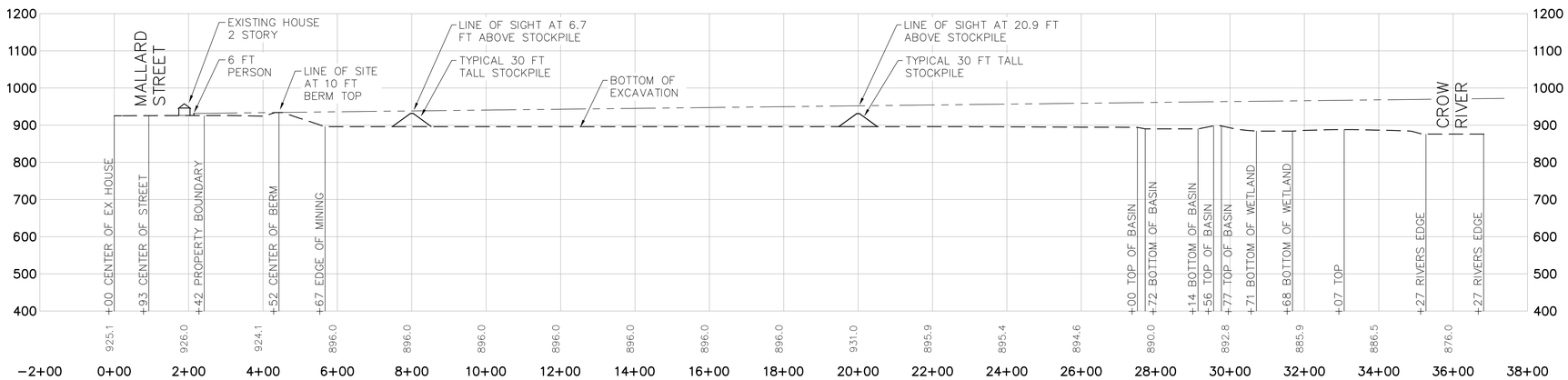
1/3

View Shed Analysis
Plan View

SECTION- A



SECTION- B



HORIZONTAL SCALE 1"=150'
VERTICAL SCALE 1"=150'

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301
Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

VIEW SHED ANALYSIS SECTIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: _____ *Reg. No.* _____

PREPARED BY:

118 East Broadway St.
PO Box 1029
Monticello, MN 55362
Phone: 763-271-0929
www.polaris.com

REVISIONS

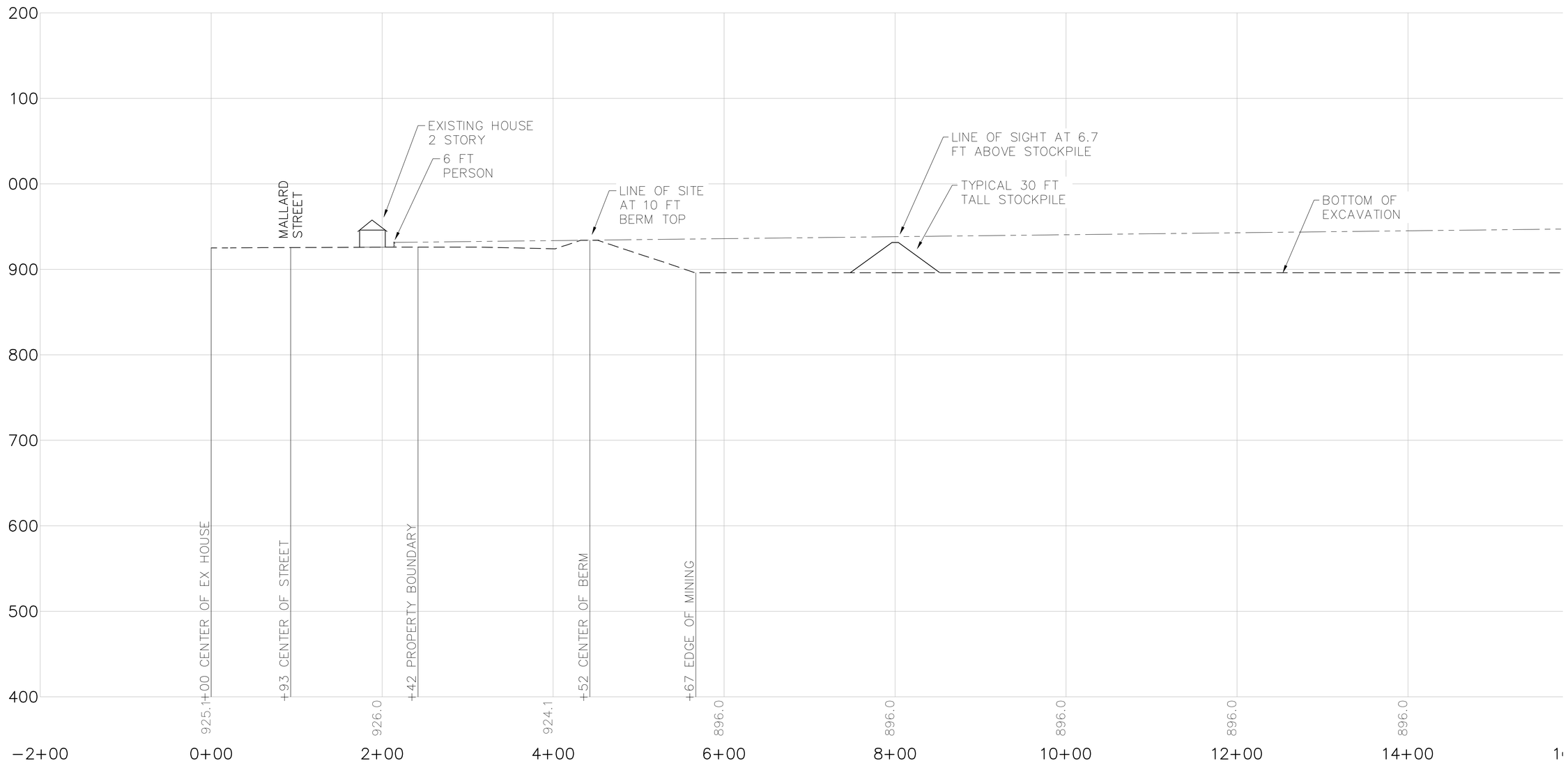
DATE 12/02/19	
DRAWN BY SD	
DESIGNED BY	
CHECKED BY	

FILE NO. 00722

2/3

View Shed Analysis Sections

SECTION- B
0+00 TO 14+00



HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=50'

Fehn Companies, Inc.
5050 Barthel Industrial Dr.
Albertville, MN 55301

Gary Fehn
612-282-6542
gfehn@fehncompanies.com

MAHLER AGGREGATE MINE EXPANSION

SE Quad 15th Street and River Road
Hanover, MN 55341

VIEW SHED ANALYSIS SECTIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Date: _____ *Reg. No.* _____

PREPARED BY:

118 East Broadway St.
P.O. Box 1929
Monticello, Mn 55362
Phone: 763-271-3600
www.pioneer.com

REVISIONS

DATE 12/02/19	
DRAWN BY SD	
DESIGNED BY	
CHECKED BY	

FILE NO. 00722

3/3

View Shed Analysis Sections

CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA

RESOLUTION NO 01-07-20-03

APPROVING THE 2020 ANNUAL APPOINTMENTS

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Hanover, Minnesota, hereby approves the 2020 Annual Appointments as attached.

Adopted by the city Council this 7th day of January, 2020.

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

CITY OF HANOVER
2020 ANNUAL APPOINTMENTS

Mayor:	Chris Kauffman	4 Year Term 2017-2020
Council:	Doug Hammerseng	4 Year Term 2017-2020
	MaryAnn Hallstein	4 Year Term 2017-2020
	Ken Warpula	4 Year Term 2019-2022
	Jim Zajicek	4 Year Term 2019-2022

APPOINTMENTS

Vice-Mayor: Ken Warpula 2020

Planning Commission: (3 Year Terms)

Dean Kuitunen	2018-2020
Jim Schendel	2019-2021
Mike Christenson	2019-2021
Stan Kolasa	2020-2022
TBD 02-04-20	2020-2022

Council Liaison:	Doug Hammerseng	2020
Alternate Liaison:	Ken Warpula	2020

Park Board: (3 Year Terms)

Dani Vetrano	2018-2020
Scott Jamison	2018-2020
Leslie Murphy	2019-2021
Jeff Grupp	2020-2022
Alexander Holslin	2020-2022

Council Liaison:	Jim Zajicek	2020
Alternate Liaison:	MaryAnn Hallstein	2020

Economic Development Authority: (Terms-6 years except for council, whose terms coincide with their terms of election)

Jessica Johnson	2016-2021
Brian Dismang	2017-2022
Todd Bartels	2018-2023
Ted Zrust	2018-2023
Tony Ross	2018-2023
MaryAnn Hallstein	2017-2020 (Council Member)
Ken Warpula	2019-2022 (Council Member)

Joint Powers Water Board:
Chris Kauffman and Jim Zajicek

Wright County Transit Advisory Committee (WCAT):
Ken Warpula 2019-2020

Safety Committee:

City Hall Staff

Fire Department:

Fire Chief:	Dave Malewicki	2019-2021
Chief 2:	*TBD 01-07-20*	2020-2021
Captain 1	Ken Warpula	2019-2020
Captain 2	*TBD 01-07-20*	2020-2021
Captain 3	Tony Wychgram	2019-2020
Captain 4	*TBD 01-07-20*	2020-2021
Lieutenant 3	*TBD 01-07-20*	2020
Lieutenant 4	*TBD 01-07-20*	2020

Fire Relief Association:

Ex-Officio:	Fire Chief
Ex-Officio:	Mayor
Ex-Officio:	City Administrator

Weed Inspectors:

Mayor (statutory)
City Administrator (assistant)
Public Works Supervisor (assistant)

Financial Advisors:

UBS Financial (Investments)
Springsted (Bonds and Other)

Official Depositories:

BankWest, MidWestOne Bank, Financial Security Bank, First National Bank of Elk River, UBS Financial, Minnesota Municipal Money Market Fund

Official Newspaper:

Wright County Journal Press

Animal Control:

Monticello Impound

Official Radio Station:

WCCO-830 AM

City Engineer, City Attorney, City Planner, City Assessor, Sheriff Services, and Building Inspection Services are all under contract with the City.

CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA

RESOLUTION NO 01-07-20-04

APPROVING FIRE DEPARTMENT WAGES

WHEREAS, the 2019 Operating Budget identified an increase in Fire Department wages for the purpose of increasing the stipends received by individuals who held officer positions; and

WHEREAS, increases to wages require approval by the City Council.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Hanover, Minnesota, hereby approves the following Fire Department position wages effective January 1, 2019:

• Chief 1 (Fire Chief)	$1,200/yr. in addition to regular Firefighter wages earned
• Chief 2 (Assistant Fire Chief)	$1,000/yr. in addition to regular Firefighter wages earned
• Captain 1	$250/yr. in addition to regular Firefighter wages earned
• Captain 2	$250/yr. in addition to regular Firefighter wages earned
• Captain 3	$250/yr. in addition to regular Firefighter wages earned
• Captain 4	$250/yr. in addition to regular Firefighter wages earned
• Lieutenant 3	$200/yr. in addition to regular Firefighter wages earned
• Lieutenant 4	$200/yr. in addition to regular Firefighter wages earned
• Firefighter	$10/hr. (one-hour minimum pay)

Adopted by the city Council this 7th day of January, 2020.

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA

RESOLUTION NO 01-07-20-05

APPROVING EDA MATCHING GRANT REQUEST FOR THE RIVER INN

WHEREAS, the River Inn has applied for an EDA Business Incentive Fund Request under the Matching Grant Program; and

WHEREAS, the application was for grant funds to be utilized towards the install of a grease trap; and

WHEREAS, the EDA reviewed the application at their December 2019 meeting and recommends approval of the request in the amount of a $1,230 grant payable upon completion of the project and proof of payment of the work completed.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Hanover, Minnesota, hereby approves an EDA Matching Grant Program request from the River Inn in the amount of a $1,230 grant.

Adopted by the city Council this 7th day of January, 2020.

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA

RESOLUTION NO 01-07-20-06

APPROVING PURCHASE OF BOBCAT TOOLCAT

WHEREAS, the Capital Improvement Plan identifies a cash purchase of a Bobcat Toolcat in 2020 with an estimated cost of $65,000; and

WHEREAS, staff obtained two quotes to purchase the equipment; and

WHEREAS, the low quote was submitted by Farm-Rite in the amount of $55,446.30 as shown in the attached quote.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Hanover, Minnesota, hereby approves the purchase of a Bobcat Toolcat as per the attached quote in the amount of $55,446.30.

Adopted by the city Council this 7th day of January, 2020.

APPROVED BY:

_____
Chris Kauffman, Mayor

ATTEST:

_____
Brian Hagen, City Administrator

Fax Transmission Form

Farm-Rite Equipment

West Hwy. 12 Box 26
Dassel, MN 55325
Phone: 320-275-2737
FAX: 320-275-3232

Tollfree 888-679-4857

TO Jason City of Hanover

FAX jasond@ci.hanover.mn.us

DATE 12-13-19

763-286-4444

1-new 5600 Bobcat Toolcat	$41803.20
1-Cab Heater AirCond Enclosure	3891.20
1-Deluxe Road Package	1857.60
1-HD Battery	77.60
1-High Flow Auxiliary Hyd	1388.80
1-7pin Attachment Control kit	188.80
1-Interior Trim	164.00
1-Power Bobtach	879.20
1-Radio	355.20
1-Traction Control	436.00
1-Keyless Ignition System	268.80
1-29x12.5 Turf Tires	628.80
1-62" Low Profile Bucket	646.80
1-Bolton edge	250.00
1-Strobe light kit	385.00
1-Freight Setup Delivery	N/C
Minnesota State Bid Price	53221.00

Fax Transmission Form

Farm-Rite Equipment

West Hwy. 12 Box 26
Dassel, MN 55325
Phone: 320-275-2737
FAX: 320-275-3232

Tollfree 888-679-4857

TO Jason City of Hanover

FAX jasond@ci.hanover.mn.us

DATE 12-13-19

763-286-4444

1-new 66" Bobcat Root Grapple

Minnesota State Bid Price # 2225.30